



## CONFERENCE PROGRAMME

Monday, November 26   At-A-Glance	
09:00-13:00	Pre-Conference Workshop 1
	<b>Africa Group for Research, Education and Practice in Urban Health Working Group Meeting [PCW-12]</b>
	Pre-Conference Workshop 2
	<b>How to write a great research paper, and get published in a top journal [PCW-11]</b>
	Pre-Conference Workshop 3
	<b>Identifying and reducing inequities in coverage of immunization in complex urban environments—a collaborative workshop learning from the experience of UNICEF, LSHTM and JSI [PCW-2]</b>
13:30-17:30	Pre-Conference Workshops 4
	<b>Interactive Training: Promoting urban health equity: A focus on informal settlements [PCW-10]</b>
	Pre-Conference Workshop 5
	<b>Community Based Solutions Working Group Meeting [PCW-13]</b>
	Pre-Conference Workshop 6
	<b>Implementation science collaboration on urban health in East Africa: A three-country assessment of nutrition among the urban poor [PCW-3]</b>

MONDAY

LOCATION: Speke Munyonyo Resort and Conference Centre, Kampala, Uganda



## MON

**26/11 09:00-13:00 PRE-CONFERENCE WORKSHOP**

**PCW-12 Africa Group for Research, Education and Practice in Urban Health Working Group Meeting**

**Leader: Blessing Mberu, ISUH - Africa Working Group**

**Room: Acacia**

Global development agenda has recently entered a new era under the Sustainable Development Goals framework (SDGs) The SDGs together present a broad, universalist approach with a strong focus on equity, leaving no one behind. Despite being the least urbanized globally, sub-Saharan Africa is rapidly urbanizing, with its urban population projected to reach 55% by 2050. While cities continue to offer greater amenities, better employment opportunities and better services, they also concentrate risks and hazards for health, which is exacerbated by majority of urban dwellers living in slums or slum-like conditions that are detrimental to their living and health conditions. In line with the SDG agenda, understanding specific health and livelihood conditions of slum dwellers require adequate data at local levels often lacking through national surveys, which mostly provide national indicators that blur inter- and intra-sub-group inequities. In this session, we draw on nearly two decades of work by APHRC among slum populations in Nairobi, Kenya, contributing rich evidence for policy-to-action in the important search for pathways to reduce health inequities and improve living conditions among the urban poor. This workshop will provide a unique platform for health scientists, policy makers, health geographers and urban planners, among others, to discuss innovations for urban health equity, evidence-based policy-making, monitoring and evaluation of interventions to determine what works. The workshop will be structured in two parts: the first part will include a number of presentations on dimensions of evidence generation and health program implementation processes. The second part will focus on discussion with workshop participants on the added-value, opportunities and challenges in urban health research to elicit interest of African and Africanist researchers and highlight the need for funding investments in data at local levels as an important component of addressing urban health challenges.

- **Presentations:** (1) Does the urban advantage still hold? Change and continuity in the informal settlements of Nairobi. (2) Using data for decision-making (3) Participatory approaches to mapping health services in slums (4) Implementing health programs in slums: challenges and opportunities (5) Non-communicable diseases in the slums: silent killer (6) Air pollution in the slums (7) Urban obesity in Africa: a rising tide!
- **Presenters:** Prof. Blessing Mberu (PhD), Damazo T Kadengye (PhD), Caroline Kabaria (PhD), Pauline Bakibinga (MB Ch B, PhD), Gershim Asiki (MB Ch B, MSc, PhD), Kanyiva Muindi (PhD), and Dickson Amugi (PhD).

**Organizers:** African Population and Research Center (APHRC).

**UP NEXT: Pre-Conference Workshops, 13:30-17:30**

**MON****26/11****09:00-13:00 PRE-CONFERENCE WORKSHOP****PCW-11****How to Write a Great Research Paper, and Get Published in a  
Top Journal****Leader: Deirdre Dunne, Elsevier****Room: Ebony**

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Knowing the best way of structuring your paper when writing it, and the most appropriate journal to send it to, really helps in getting your paper accepted. Also understanding how editors and publishers think and what they expect, and knowing how the peer review process works, is invaluable insight into the publishing process. This talk aims to give participants a clear idea of the steps needed to be taken before starting to write a paper. Authors are also made aware of what aspects of their papers Editors and Publishers look at critically, and to ensure that in taking care of these areas, their papers are much more likely to be accepted. Dealing with referees' comments and the art of polite rebuttal are also described such that these can be used to improve the submitted paper suitably. Sensitive areas such as publishing ethics, plagiarism, duplicate publishing, etc. are also clearly explained such that participants have a clear understanding of what is allowed, and what is not permitted.

These insights into the publishing process will enable the participants to be more confident as an author in the world of science publishing, and will help them get their papers published more easily

**UP NEXT: Pre-Conference Workshops, 13:30-17:30**

**MON****26/11****09:00-13:00 PRE-CONFERENCE WORKSHOP****Identifying and Reducing Inequities in Coverage of  
Immunization in Complex Urban Environments—a  
Collaborative Workshop Learning from the Experience of  
UNICEF, LSHTM and JSI****PCW-2****Leader: Tim Crocker-Buqué, LSHTM, London, UK****Room: Majestic**

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We would like to welcome health professionals working in a wide range of fields to this pre-conference workshop exploring diagnostic tools and interventions to reduce inequalities in health outcomes in urban areas in low and middle-income countries.

The Global Urban Immunization Working Group, hosted by UNICEF, was founded in 2016 to address the growing challenge of inequities in coverage of essential immunizations in rapidly expanding urban areas. In this collaborative workshop, we will present findings from several important projects, including a systematic review of factors associated with low coverage in urban areas and evidence for effective interventions to increase coverage; a review of tools used for situational analysis to improve coverage of health services in urban environments; and how these tools have been adapted and applied in cities around the world to identify inequities and prioritize interventions to improve coverage.

We will start with presentations from UNICEF, JSI and LSHTM followed by an open discussion. The we will split into small group workshops to explore the use of tools in different settings, as well as compare and contrast experiences of professionals working in different fields. We welcome people working in the field, for government agencies or NGOs, academics and policy-makers in any health field to attend and share their knowledge and experience.

**UP NEXT: Pre-Conference Workshops, 13:30-17:30**

**MON****26/11****13:30-17:30 PRE-CONFERENCE WORKSHOP****PCW-10****Interactive Training: Promoting urban health equity: A focus  
on informal settlements****Leader: Jason Corburn, UC Berkeley****Room: Ebony**

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In this workshop, participants will learn about the multiple health challenges facing urban informal settlements in East Africa and how participatory upgrading can address co-benefits for health including improved living conditions, environments, social and economic opportunities and health care services. Participants will hear from residents and NGO-representatives working to improve well-being in informal settlements. The majority of the workshop will be an interactive exercise, called a role-play, where participants will negotiate as part of a team how to improve health in an informal settlement. Through this exercise, participants will learn about the challenges and opportunities for improving urban health through a focus on informal settlements and through engagement with slum dwellers. Short readings and workshop materials will be distributed to enrolled participants via email before the date of the conference.

**UP NEXT: -**



**MON**

**26/11**

**13:30-17:30 PRE-CONFERENCE WORKSHOP**

**PCW-13**

**Community Based Solutions Working Group Meeting**

**Leader: Shamim Talukder, ISUH - Community Based Solutions Working Group**

**Room: Acacia**

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**UP NEXT: -**

**MON****26/11****13:30-17:30 PRE-CONFERENCE WORKSHOP****Implementation Science Collaboration on Urban Health in East Africa: A three-country assessment of nutrition among the urban poor****PCW-3****Leader: Marie Donaldson, University Research Co., LLC****Room: Majestic**

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The USAID funded Health Evaluation and Applied Research Development (HEARD) Project supports an Implementation Science Collaboration on Urban Health in East Africa, which was launched by the East, Central, Southern Africa Health Community (ECSA-HC) as an output of a regional consultation to consider how to better address the nutrition and water sanitation and hygiene (WASH) needs of the poorest children and adolescents living in urban slums and informal settlements. The Collaboration's first implementation science activity is to conduct a three-country assessment focused on child health and nutrition in poor urban areas in Dar es Salaam, Tanzania, Kampala, Uganda and Nairobi, Kenya. The assessment is co-led by University of California, Berkley and UNICEF East Southern Africa Region (ESAR) and implemented by Ifakara Health Institute and TAMASHA (Tanzania), Infectious Diseases Institute and ACTogether & Kibo Foundation (Uganda) and the African Population and Health Research Centre (Kenya). The assessment includes a review of published and grey literature, identification of available existing datasets and analysis of relevant policies and mapping of the informal and formal actors, organizations and promising interventions that impact nutrition and health outcomes in select urban slums and informal settlements in each of the three countries.

We invite those with experience and interest in nutrition and WASH in East Africa to join this interactive workshop, which aims to: share and take stock of the assessment findings, consider differences and similarities across the three countries; seek input from participants on the packaging and communication of findings to facilitate use by various stakeholder groups (local, national, regional); identify regional policy and program implications that can be further refined and shared at regional forum in East Africa; and expand the Implementation Science Collaboration on Urban Health in East Africa through dialogue of next set of implementation science questions to improve the health and development of vulnerable populations in urban settings.

**UP NEXT: -**





## Tuesday, November 27 | At-A-Glance

08:30-12:30	Pre-Conference Workshop 7 <b>How to make the impossible possible: Lessons learned (so far) from the SALURBAL project [PCW-7]</b>
	Pre-Conference Workshop 8 <b>What works for multi-sector urban health engagement [PCW-5]</b>
	Pre-Conference Workshop 9 <b>Tactical approaches to providing adolescent health service in urban settings [PCW-4]</b>
	Pre-Conference Workshop 10 <b>Healthy-Polis: A global initiative to instigate a clean air, low carbon transition towards healthier and more sustainable cities [PCW-9]</b>
	Pre-Conference Workshop 11 <b>Implementing the International Guidelines on Urban and Territorial Planning through the 'lens' of Health [PCW-6]</b>
09:00-13:00	City of Kampala Walking Tours
12:00-17:00	Registration Desk
13:00-14:30	Parallel Session 1
14:30-15:00	<i>Break</i>
15:00-16:30	Welcome Plenary <b>Ceremonial Welcome Plenary</b>
16:30-18:00	Plenary Session 1 <b>Governance of Complex Systems</b>
18:00-19:00	Welcome Reception
19:00-20:30	ISUH Executive Board Meeting/Dinner

TUESDAY

LOCATION: Speke Munyonyo Resort and Conference Centre, Kampala, Uganda



**TUE****27/11 08:30-12:30 PRE-CONFERENCE WORKSHOP****PCW-7 How to Make the Impossible Possible: Lessons learned (so far)  
from the SALURBAL project****Leader: Olga Sarmiento, LAC-Urban Health****Room: Majestic**

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During this workshop, participants will learn from and interact with researchers from the Wellcome Trust-funded international Salud Urbana en America Latina (or SALURBAL, “Urban Health in Latin America) research project, which aims to generate evidence to inform policies and interventions to create healthier, more equitable, and more sustainable cities worldwide by studying the cities of Latin America. The workshop will be participatory and interactive, allowing facilitators and participants to learn from each other. The half-day session aims to build an understanding of how a large interdisciplinary and international team of researchers can work together to ask and answer important urban health research questions to inform healthy urban policies.

Topics covered will include:

- How to build a network and platform for urban health research and policy translation in the global south.
- How to create a flexible integrated data platform for urban health research across and within cities.
- Experimenting with innovative methods for urban health research.
- How to engage policymakers in systems thinking to inform urban health research and policy translation.

**Workshop Facilitators:** Olga Lucia Sarmiento (Universidad de los Andes), Waleska Caiaffa (Universidade Federal de Minas Gerais), Gina Lovasi (Drexel Urban Health Collaborative), Jose Siri (United Nations University – International Institute for Global Health), Claire Slesinski (Drexel Urban Health).

For questions email: [SALURBAL@Drexel.edu](mailto:SALURBAL@Drexel.edu)

Learn more about the SALURBAL Project at: [www.lacurbanhealth.org](http://www.lacurbanhealth.org)

**UP NEXT: Parallel Session 1, 13:00-14:30**

**TUE****27/11****08:30-12:30 PRE-CONFERENCE WORKSHOP****PCW-5****What Works for Multi-Sector Urban Health Engagement****Leader: Amanda Pomeroy, JSI Research & Training Institute****Room: Regal**

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Urbanization has a large influence on the social determinants of health, those things outside the control of individuals that affect daily living conditions, and ultimately health outcomes. The World Health Organization (WHO) has identified housing, energy, education, transport, green/recreational spaces, and social protection as just a few of the areas that influence one's health.

This workshop will highlight how we are working with city governments to integrate a social determinants of health approach and some successful applications of this theory across sectors. The objective is to provide new and innovative examples of how to develop a shared language, goals, and commitment as a launch point for multi-sector urban health governance. Examples will come from the Strengthening Ethiopia's Urban Health Program (SEUHP) in Ethiopia and the Building Healthy Cities (BHC) project in Southeast Asia, both funded by the U.S. Agency for International Development (USAID) and implemented by JSI and partners.

Our interactive sessions will provide participants with skills to develop plans for their own cities aligning with the New Urban Agenda, supporting several key sustainable development goals, under the principle of "Health in All Policies." This workshop ties into the ISUH theme of The Governance of Complex Systems.

**UP NEXT: Parallel Session 1, 13:00-14:30**

**TUE****27/11****08:30-12:30 PRE-CONFERENCE WORKSHOP****PCW-4****Tactical Approaches to Providing Adolescent Health Service in  
Urban Settings****Leader: Marie Donaldson, University Research Co., LLC****Room: Royal Club**

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In recent years there is increasing advocacy and action at the global level to address the health and development needs of adolescents. This is particularly needed in the urban setting where a growing population of adolescents now live. Despite global calls for action and a recognition of the need, the unique physical, psychosocial, developmental and communication needs of adolescents in healthcare settings presents a challenge for service delivery. Innovative models for providing adolescent health services, which recognize these unique challenges are needed. Reaching adolescents in urban settings with health services requires a multi-sectoral approach and therefore determining appropriate platforms and strategies for meeting the health and development needs can only effectively be addressed through multi-sectoral and disciplinary partnership.

The Implementation Science Collaborative supported by the USAID funded Health Evaluation and Applied Research Development (HEARD) Project based at University Research Co., LLC is hosting this workshop to inform a set of implementation science priorities and a workplan to advance innovative and tactical approaches to providing adolescent health services in urban settings. We invite policy-makers, researchers, implementers and practitioners, advocates and donors to join this dynamic and interactive workshop which will allow participants to: share progress and establish more formalized learning network around implementation science and models for adolescent services in urban settings; identify set of priorities and develop collaborative workplan to inform the implementation of more effective models for adolescent services; contribute to a white paper articulating the challenges associate with providing adolescent services in urban settings, and outlining promising strategies for future efforts.

**UP NEXT: Parallel Session 1, 13:00-14:30**

**TUE****27/11****08:30-12:30 PRE-CONFERENCE WORKSHOP****Healthy-Polis: A global initiative to instigate a clean air, low carbon transition towards healthier and more sustainable cities****PCW-9****Leader: Sotiris Vardoulakis, Institute of Occupational Medicine****Room: Meera**

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There is an urgent need to reduce Non-Communicable Diseases (NCDs) and premature mortality from air pollution, projected to double by 2050 in low- and middle- income countries due to population growth and increases in urban air pollution. A clean air, low carbon transition in rapidly growing cities can deliver substantial public health, environmental, and socioeconomic benefits, by lowering emissions from the most polluting sectors, and reducing personal exposure to air pollution. Making cities more walkable and cycle friendly, improving public transport, and making clean household fuels and technologies more widely available will reduce air pollution and greenhouse gas emissions and help prevent NCDs through better respiratory, cardiovascular and mental health.

The **specific objectives** of the Healthy-Polis workshop are to:

- 1) Evaluate and promote urban policies and interventions aiming to improve air quality and provide multiple health co-benefits, particularly focusing on low- and middle- income countries.
- 2) Discuss innovation in urban health and environmental sustainability research and practice, focusing on the delivery of the Sustainable Development Goals and the New Urban Agenda.
- 3) Provide a forum for interdisciplinary collaboration on urban environmental health and sustainability, particularly focussing on cross-sectoral, cross-city interactions between the global North and South.

In particular, this interactive workshop will address the ICUH conference theme of **Governance of Complex Systems** and the importance of different actors in promoting low carbon urban development and effective clean air interventions.

**UP NEXT: Parallel Session 1, 13:00-14:30**

**TUE****27/11****08:30-12:30 PRE-CONFERENCE WORKSHOP****PCW-6****Implementing the International Guidelines on Urban and  
Territorial Planning through the “lens” of Health****Leader: Andrea Oyuela, UN-Habitat****Room: Sheena**

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Urban planning and land use patterns are intrinsically connected with human health. Evidence demonstrates how current rapid-unsustainable urbanization patterns are directly associated with important negative impacts on human health and well-being, imposing high costs on societies, and challenging the development of economically competitive and inclusive cities.

Seen from another perspective, cities also offer various entry points through which the conditions of their population's health and well-being can be improved: Integrated urban and territorial planning implemented through the “lens” of Health promotes a more sustainable urban development, generating benefits for human and environmental health.

UN-Habitat's [International Guidelines on Urban and Territorial Planning](#) (IG-UTP) constitute a reference framework for planning for the improvement of *policies, plans, designs* and *implementation processes*, providing key-principles and recommendations for four stakeholder groups across multiple levels of urban governance: national governments, local authorities, planning professionals and their associations and civil society organizations. In partnership with the World Health Organization (WHO), UN-Habitat is working on implementing the IG-UTP by enhancing knowledge and building technical capacity of urban actors and decision-makers in using planning as a tool to make cities centers of health and well-being. A guidance on Planning for Health and a set of tools are in development to facilitate the application of the IG-UTP framework from a Health perspective.

This workshop will thus offer an introduction to the IG-UTP as a universal framework for urban health professionals from the public, private and third sector in order to help them identify and promote health priorities and opportunities through urban and territorial planning in their own professional practice. Through a series of presentations, exercises and interactive debates, participants will learn about and apply the tools being developed by UN-Habitat and the WHO, exchanging experiences and identifying strategies to gain the benefits of integrating health in urban and territorial planning.

**UP NEXT: Parallel Session 1, 13:00-14:30**

**TUE****27/11 13:00-14:30 PARALLEL SESSION 1****PS1.1****PRE-FORMED PANEL****Coastal Communities and the Toxic Mobility Inventory****College of Environmental Science and Forestry****Room: Majestic**

Chair: Lemir Teron, Assistant Professor, SUNY College of Environmental Science &amp; Forestry (ESF)

The 2017 Atlantic hurricane season saw numerous nations face catastrophic damage as the results of Irma, Harvey, and Maria. When coupled with a projected increase in extreme events through the duration of the century, it is anticipated that coastal communities globally will face a host of challenges and consequences related to public health, economics, ecological, and structural damage. A largely unexamined component of future threats is the mobilization of legacy pollutants as sediment-based toxins are dispersed by disruptive phenomena. Urban areas will be disproportionately impacted, as metropolitan regions house inordinate amounts of legacy pollutions, inherited from industrial pasts, placing both urban populations and ecologies at risks from further exposure. Toxics mobilization will also be heightened by urban infrastructure (e.g. sewerage, which promotes the rapid movement of flood waters). This research examines the varied dimensions of these impacts along shoreline coastal communities. Considering the scope of global populations and their positioning within coastal watersheds, along with the ubiquity of legacy pollution within coastal regions, the research should have the attention of urban planners and developers and emergency response communities worldwide.

**SPEAKERS/DISCUSSANTS****Farah Nibbs**

MPS, SUNY ESF (Environmental Engineering, Sustainable Construction Management focus); MA, University of Westminster, London (International Planning &amp; Sustainable Development)

**Susan Ekoh**

PhD, SUNY ESF (expected 2020); MS Colorado State University (Agriculture and Resource Economics)

**UP NEXT: Break, 14:30-15:00**





## TUE

### 27/11 13:00-14:30 PARALLEL SESSION 1

#### PRE-FORMED PANEL

#### PS1.2

#### Designing and implementing data-driven interventions and strategies to reduce vaccine preventable diseases in urban settings

#### JSI Research & Training Institute

#### Room: Regal

Chair: Dr. Folake Olayinka, Immunization team lead, USAID Maternal, Neonatal and Child Health Program MCSP, Washington D.C., USA

Increasing urbanization and socioeconomic inequities are leaving urban poor populations with greater disease burdens and increasing challenges to access and use the Expanded Program on Immunization (EPI). The traditional public health paradigm suggests that urban dwellers benefit from geographic proximity to a larger number of private and public health centers, cold-chain points, and benefit from improved infrastructure such as transport, electricity, and communications. In contrast to 40 years ago, when EPI services were first designed, the urban poor are increasingly facing social, rather than geographic, barriers to access and use EPI services. New models and tools are needed to help diagnose and address the immunization and health needs of the urban poor. With its potential for high coverage through micro-planning and community-based approaches, EPI services have the potential to deliver other health interventions along the life continuum and to detect and prevent disease outbreaks with epidemic potential. This panel includes a broad range of viewpoints that will give alternative perspectives on the root causes and potential solutions to increase immunization coverage and equity.

#### SPEAKERS/DISCUSSANTS

##### Dr. Tim Crocker Buque

Researcher and Public Health Registrar, Department of Global Health and Development, LSHTM, London, UK

##### Dr. Godwin Mindra

Immunization Specialist, Health Section, Programme Division, UNICEF HQ, New York, USA

##### Dr. Craig Burgess

Senior Technical Adviser, JSI Research and Training Institute, Inc., Arlington, USA

##### Rachel Belt

Programme Officer, Country Support, Gavi – The Vaccine Alliance, Geneva, Switzerland

##### Dr. Eva Kabwongera

Health Specialist, Uganda Unicef Country Office

##### Dr. Lubna Hashmat (remotely, by phone)

Civil Society Human and Institutional Development, Pakistan

**UP NEXT: Break, 14:30-15:00**





## TUE

### 27/11 13:00-14:30 PARALLEL SESSION 1 (ABSTRACTS)

#### PS1.3 Maternal & Reproductive Health I: Getting to Effective Family Planning Services

**Room: Royal Club**

Chair: Dr. Waleska Teixeira Caiaffa, Professor of Epidemiology and Public Health, Minas Gerais School of Medicine, Brazil

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#### **Contraceptive acceptability and ideation among women in urban cities**

N. Afolabi (1), A. Akiode (1), M. Odeku (1)

(1) Nigerian Urban Reproductive Health Initiative, Nigeria

#### **The "low hanging fruits": Understanding the characteristics of non-users who intend to use FP in Lagos state**

O.S. Akinola (1), A.A. Akiode (1)

(1) Nigeria Urban Reproductive Health Initiative, Nigeria

#### **Road to understand Women's Reproductive Health and Health Care Utilization in slums of India: Empirical evidence from NFHS-4 (2015-16)**

S. Chatterjee (1)

(1) International Institute for Population Sciences, India

#### **Contraceptive Use among Female Sexually Active Nigerian Urban Youths: 2003-2013**

T. Dahiru (1), A.A. Aliyu (1)

(1) Ahmadu Bello University, Nigeria

#### **Impact of outreach services on family planning among young married women in an urban slum community in India**

G. Kulkarni (1), A. Dyalchand (1)

(1) Institute of Health Management, Pachod, India

**UP NEXT: Break, 14:30-15:00**



**TUE**

**27/11**

**13:00-14:30 PARALLEL SESSION 1**

**PRE-FORMED PANEL**

**PS1.4**

**Extending data for urban health decision-making: Area-level indicators in data-scarce contexts from earth observation and geospatial technologies**

**Université Libre de Bruxelles**

**Room: Meera**

Co-Chair: Catherine Linard, Spatial Epidemiology Lab, Université libre de Bruxelles (ULB), and Department of Geography, Université de Namur, Belgium

Co-Chair: Helen Elsey, Nuffield Centre for International Health and Development, University of Leeds, UK

Urban characteristics vary widely within cities, particularly in low- and middle-income countries where formal and informal settlements coexist, resulting in neighbourhood patterns of population health inequalities. The Sustainable Development Goals (SDGs), Urban Health Equity Assessment and Response Tool (Urban HEART), and UN-Habitat Urban Inequities Surveys identify dozens of area-level health determinant indicators needed by decision-makers to track and make decisions aimed at reducing these inequalities. These indicators have necessarily been constrained by available datasets—typically considered to be household surveys, census, administrative, and health system data. In contexts of data scarcity, advances in earth observation, geospatial, and mobile technologies represent new opportunities to produce area-level datasets. Not only can these data be used directly to calculate neighbourhood- and city-level indicators (e.g., physical and environmental characteristics), they can be combined with population-representative survey, census, administrative and health system data to model population characteristics and outcomes such as average household wealth for all cities in a country. Depending on the data sources and methods, some area-level datasets can be scaled easily across cities, countries, and updated routinely for limited cost and effort, while other datasets are still difficult to scale. The aim of this panel is to raise awareness among health decision-makers about the opportunities offered by earth observation, geospatial, and mobile technologies in the creation of area-level urban health determinant indicators. The presentations include several example applications in African and Asian cities.

**SPEAKERS/DISCUSSANTS**

**Dana R. Thomson**, Flowminder Foundation, WorldPop project, and Department of Social Statistics at University of Southampton, UK

**Jessica E. Steele**

WorldPop project, University of Southampton, UK

**Sabine Vanhuyse**

Department of Geosciences, Environment and Society (DGES-IGEAT), Université libre de Bruxelles, Belgium

**UP NEXT: Break, 14:30-15:00**

**TUE****27/11 13:00-14:30 PARALLEL SESSION 1****PRE-FORMED PANEL****PS1.5****Alleviating the Access Abyss in Palliative Care and Pain Relief: A Global Perspective from the Lancet Commission Report****New York Academy of Medicine****Room: Sheena**

Co-Chair: Dr. Felicia Knaul, Director, University of Miami Institute for the Advanced Study of the Americas

Co-Chair: Dr. Judith Salerno, President, The New York Academy of Medicine

The Lancet Commission on Global Access to Palliative Care and Pain Relief published its report on October 12, 2017. The report, authored by 35 global experts in public health, palliative care, epidemiology, economics, public policy, and human rights, focused on the alleviation of suffering that disproportionately affects individuals living in low- and middle-income countries (LMICs). The Commission recommended a series of solutions that are low-cost and effective. It further highlighted the importance of relief of suffering as a necessity for achieving the SDG target for universal health coverage, and how providing access to an essential palliative care package could alleviate much of the world's suffering. This panel will provide an overview of the worldwide problem in access to pain relief and palliation, and present the Commission's main recommendations, with an emphasis on how regional networks and advocacy associations are working to ensure implementation of these recommendations at the local, national and regional levels. Examples of successful strategies from Latin America, Africa and other regions will be presented, as well as highlights from initiatives that address problems affecting special populations (e.g. children).

**SPEAKERS/DISCUSSANTS****Dr. Tania Pastrana**

President, Latin American Association for Palliative Care

**Dr. Emmanuel Luyirika**

Executive Director, African Palliative Care Association

**Dr. Julia Downing**

CEO, International Children's Palliative Care Network

**Dr. Liliana De Lima**

Executive Director, International Association for Hospice and Palliative Care

**UP NEXT: Break, 14:30-15:00**

**TUE****27/11 15:00-16:30 WELCOME PLENARY SESSION****PLW Welcome Plenary (Ceremonial)****Room: Speke Ball Room**

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Conference hosts, government officials, and other dignitaries will welcome the participants and share their perspectives on the importance of the conference and its theme “Managing Urbanization for Healthy: A Priority for all Nations.”

**Welcome from the Uganda National Academy of Sciences****Prof. Nelson Sewankambo**

President of the Uganda National Academy of Sciences

**Welcome from the International Society for Urban Health****Dr. Jo Ivey Boufford**

President of the International Society for Urban Health

**Welcome from WHO-AFRO****Dr. Matshidiso Moeti (Invited)**

WHO Regional Director for Africa

**Welcome from UN-Habitat****Ms. Maimunah Mohd Sharif (Invited)**

Executive Director of UN-Habitat

**Welcome from the World Health Organization****Dr. Tedros Adhanom Ghebreyesus (Invited)**

Director General of the World Health Organization

**Welcome from the Kampala Capital City Authority****Ms. Jennifer Musisi**

Executive Director of the Kampala Capital City Authority

**Welcome from the Office of the Prime Minister of Uganda****Rt. Hon. Dr. Ruhakana Rugunda**

Prime Minister of Uganda

**UP NEXT: Plenary Session 1, 16:30-18:00**

**TUE****27/11****16:30-18:00 PLENARY SESSION 1****PL1****Governance of Complex Systems****Room: Speke Ball Room**

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Urbanisation creates increasingly complex systems of service delivery. Governance refers to how power is managed within such complex relationships. As cities grow, critical systems like transportation, urban planning, food, clean water, housing, education, social services, and health care delivery systems become increasingly interconnected. How power is delegated from the national to the local level to manage service delivery in this environment is crucial to achieving the New Urban Agenda and the urban goal of the SDGs. Importantly, governance extends beyond a discussion of governments to consider the role of civil society groups, the private sector, powerful lobbies, and the international community in achieving urban health goals at the local level. Today, many existing governance structures are highly politicised and contain vestiges of colonial practice. How governments decide to engage in partnerships with other sectors and with communities themselves in developing policies and programs remains an important issue across countries. In the context of sub-Saharan Africa and other developing regions, widespread political and economic informality have profound effects on the governance of urban space. Navigating such informal dynamics to encourage accountability in service delivery presents an important topic for trans-disciplinary discussion

**CHAIR****Dr. Eugenie L. Birch**

Lawrence C. Nussdorf Professor of Urban Education and Research, University of Pennsylvania, Chair of the United Nations Human Settlements Programme's World Urban Campaign, UK

**PANELLISTS****Dr. Catherine Kyobutungi**

Executive Director, African Population & Health Research Center, Kenya

**Dr. Agis Tsouros**

International Advisor, Health Policy & Strategy, UK

**Dr. Mark Davies**

Chief Medical Officer (Europe), IBM, UK

**TBD****UP NEXT: Welcome Reception, 18:00-19:00**



**Wednesday, November 28 | At-A-Glance**

07:30-17:00	Registration Desk
08:30-10:00	Parallel Sessions 2
10:00-10:30	<i>Break / Poster Session</i>
10:30-12:00	Plenary Session 2 <b>Culture &amp; Inclusivity</b>
12:00-13:30	<i>Lunch Break</i>
12:15-13:15	UN-Habitat Book Launch <b>IG-UTP Compendium of Inspiring Practices: Health Edition</b>
13:30-15:00	Parallel Sessions 3
15:00-15:30	<i>Break / Poster Session</i>
15:30-17:00	Plenary Session 3 <b>Disasters, Epidemics, and the Unexpected</b>
17:00-17:15	<i>Break</i>
17:15-18:45	Parallel Sessions 4

**WEDNESDAY**

LOCATION: Speke Munyonyo Resort and Conference Centre, Kampala, Uganda

**WED****28/11****08:30-10:00 PARALLEL SESSION 2****PS2.1****PRE-FORMED PANEL****Nursing and the Challenges of Urbanization****Yale University****Room: Royal Palm**Chair: David Vlahov PhD RN, Associate Dean for Research and Professor,  
Yale School of Nursing, USA

Cities are growing in size, density, diversity, complexity, and inequity. This growth presents challenges for population health. Nurses play a critical cross-cutting role for health service delivery, public health policy, and administration. The challenges ahead are considerable, but the opportunity for impact is clear.

**SPEAKERS/DISCUSSANTS****Rose Nabirye, PhD RN**

Lecturer at Makerere University Department of Nursing, Uganda

**Rose Clarke Nanyonga PhD, APRN, FNP**

Vice Chancellor, Clarke International University, Kampala, Uganda

**UP NEXT: Break / Poster Session, 10:00-10:30**





## WED

### 28/11 08:30-10:00 PARALLEL SESSION 2

#### PS2.2 PRE-FORMED PANEL Effects of Decentralization on Urban Water Infrastructure

**MercyCorps, WASHFIN, GIZ**

**Room: Acacia**

Chair: Patrick Cantin, Program Director IMAGINE program, Mercy Corps, DRC

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**GIZ:** Will focus on how they have worked to help get the national water law and policy passed in the DRC, and how they have used these tools to help build capacity at provincial and local level of the maître d'ouvrage (public contracting authority) and engage private sector, to improve public water services in small and large centers and peri-urban areas.

**MERCY CORPS:** Will focus on experience from the IMAGINE program, a multi-year investment from DFID to increase water access and improve water governance in two eastern cities in DRC (Goma and Bukavu). Despite a recent national water law and policy liberalizing the sector and transferring contracting authority to the provinces and regulatory power to the government, application of the law remains a challenge—no contracts have been awarded for water distribution at the provincial level, leaving the state water company REGIDESO and other private companies in legal limbo. In this context, MC is working to build infrastructure to increase water supply; MC will then oversee management of this network of public tap stands with a viable social venture business model and public private partnership. At the same time MC is working with the utility company and civil society organizations to ensure that consumers are informed and educated on their rights and responsibilities, and able to use the operator's complaints response mechanism.

**WASHFIN:** Will focus on Impact of Devolution on Leveraging Non-Traditional Financing for the Water and Sanitation Sector in Kenya. Kenya is among the leaders in decentralization on the African continent with the 2010 Constitution laying a strong foundation for devolving service delivery to the 47 county governments. For the WASH sector, the devolution effort is further strengthened through the Water Act of 2016 that, among other things, gives the water service providers the right to seek financing to invest in infrastructure development. This presentation examines how the repositioning of power as part of the devolution process impacts the ability of the water service providers to make financial decisions and ultimately leverage financial resources into the sector.

#### SPEAKERS/DISCUSSANTS

**Gisele Kilemba Yala**

Technical Advisor RESE project GIZ, DRC

**Claire Espey**

Deputy Director IMAGINE program, Change and Governance, Mercy Corps DRC

**Barbara Mwila Kazimbaya-Senkwe**

PhD; Africa Coordinator USAID-Water Sanitation and Hygiene Finance (WASHFIN)

**UP NEXT: Break / Poster Session, 10:00-10:30**

**WED****28/11****08:30-10:00 PARALLEL SESSION 2****PRE-FORMED PANEL****PS2.3****Conducting Household Surveys in Slums and Informal Settlements****Warwick Centre for Applied Health Research & Delivery (W-CAHRD)****Room: Ebony****Chair: Richard Lilford**

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Surveys are one of the main research tools for learning about a population. Cross-sectional and longitudinal household surveys are widely used in epidemiology, economics, and related fields. A scientifically valid survey requires a random sample, and hence a sampling frame—a list of all possible sample members—to avoid bias in making population inferences. However, the nature of slums and informal settlements means there is little information on residents or even where dwellings are located. This session will discuss how valid surveys can be conducted in slums and informal settlements and the potential pitfalls that may arise. Joao Porto de Albuquerque will discuss how geospatial methods involving satellite imagery and participatory mapping (ground truthing) can be used to map slums and create spatially-explicit sampling frames, Caroline Kabaria will discuss the practicalities of slum-based surveys drawing on experience from the Nairobi Urban Health Demographic Surveillance System that has been running since 2003, and Sam Watson will discuss potential biases in analyses of slum-based data. This session aims to explore how methods to monitor and evaluate urban health indicators in the areas of greatest poverty can be improved and developed.

**SPEAKERS/DISCUSSANTS****Joao Porto de Albuquerque****Caroline Kabaria****Sam Watson****UP NEXT: Break / Poster Session, 10:00-10:30**

**WED****28/11 08:30-10:00 PARALLEL SESSION 2****PRE-FORMED PANEL****PS2.4 Improving governance through enhancing evidence-based urban health planning—insights from three cities****Nuffield Centre for International Health and Development, University of Leeds****Room: Jacaranda**

Chair: Dr. Helen Elsey, Nuffield Centre for International Health and Development, University of Leeds, UK

Well-performing urban health systems require good governance. Rational and evidence-informed policy and planning is a crucial determinant of effective health systems governance. However, urban health planning has technical and political requirements and considerations. Key technical issues include sufficient knowledge and skills of individuals, combined with adequate structures for evidence-informed decisions. The political dimension involves power relationships, negotiations and tensions between different actors—including civil society, service providers and the planners themselves. This combination of technical and political dimensions results in compromises throughout the stages of evidence generation, dissemination and use. This panel aims to share, and with the audience, jointly reflect upon, the delicate balance between the technical and political dimensions of urban health planning. We will report results from a larger mixed-methods study implemented in three Asian cities: Pokhara (Nepal), Dhaka (Bangladesh) and Hanoi (Vietnam). This session should be of interest and relevance to academics, policymakers and practitioners wishing to advance their understanding of how city authorities can strengthen evidence-informed planning, ultimately improving urban health governance.

**SPEAKERS/DISCUSSANTS****Dr. Helen Elsey**

University of Leeds on behalf of Hanoi University of Public Health, Vietnam

**Dr. Tarana Ferdous**

ARK Foundation, Bangladesh

**Dr. Ak Narayan Poudel**

University of Leeds on behalf of HERDInternational, Nepal

**UP NEXT: Break / Poster Session, 10:00-10:30**

**WED****28/11****08:30-10:00 PARALLEL SESSION 2****PRE-FORMED PANEL****The Challenge Initiative for Healthy Cities (TCIHC) – Accelerating the uptake of proven reproductive, maternal, newborn, child and adolescent health (RMNCH+A) interventions in partnership with the Government of India’s National Urban Health Mission (NUHM)****PS2.5****JSI Research & Training Institute****Room: Mahogany**

Chair: Dr. M.K. Sharma, Chief of Party, The Challenge Initiative for Healthy Cities (TCHIC)/PSI-India

By 2030, almost half of India’s 1.5 billion people will reside in cities. In 2013, Government of India launched the National Urban Health Mission (NUHM) to improve equity and strengthen health services for the urban poor. The Challenge Initiative for Healthy Cities India (TCIHC) works with NUHM and 31 cities in Uttar Pradesh, Madhya Pradesh and Odisha states to scale up high-impact reproductive, maternal, newborn, child and adolescent health (RMNCH+A) interventions. This panel focuses on rapid assessments, surveys, and other data sources used with cities and states to develop RMNCH+A “road maps” and monitor results. The first presentation will describe how NUHM and TCIHC bring government, private sector and civil society stakeholders together to plan citywide RMNCH+A initiatives. The second will describe methods used to assess urban health systems: rapid city assessments, line listing/mapping of urban slums and health resources, facility readiness assessments, data from referral and project MIS, and secondary HMIS analysis. The third presentation will describe work with 12 cities to triangulate and correct their slum and slum population estimates and thereby “unlock” government resources. The final case study focuses on Indore, where city assessment findings were used to reorganize the Urban Primary Health Centres and establish appropriate referral mechanisms for the vulnerable in slum communities. TCIHC is developing Indore and several other cities as “models” where those interested in improving urban health outcomes can visit and learn. The session will end with moderated Q&A.

**SPEAKERS/DISCUSSANTS****Mr. S. Vishwanathan (IAS)**

Mission Director, National Health Mission, Madhya Pradesh, India

**Dr. U. Gangawar**

General Manager, National Urban Health Mission, Uttar Pradesh, India

**Dr. H. N. Nayak**

Chief Medical &amp; Health Officer, Indore, Madhya Pradesh, India

**Dr. Benazir Patil**

Technical Advisor – Urban Planning, Governance &amp; Advocacy, The Challenge Initiative for Healthy Cities/Save the Children–India

**Ms. P. Achyut**

Associate Director, Monitoring, Learning, and Evaluation, The Challenge Initiative for Healthy Cities/PSI-India

**UP NEXT: Break / Poster Session, 10:00-10:30**

**WED****28/11****08:30-10:00 PARALLEL SESSION 2****PRE-FORMED PANEL****Harnessing Urban Private Enterprise for Equitable Public Service****PS2.6****Delivery: How innovative inter-sectoral collaborations are connecting disconnected cities****Public Health Foundation India-Royal Norwegian Embassy Universal Health Care Initiative & The Urban Health Systems and Innovations Project****Room: Meera**

Chair: Professor Evelyne de Leeuw Director, Centre for Health Equity Training &amp; Evaluation, University of New South Wales, Australia

This panel discussion will explore a social and environmental determinants approach that implies that much of the policy and practice effecting urban health equity lies outside the health sector. Session 1) Private Cities and Public Health: Will present the explosive growth story of “Gurgaon” one of India’s first private cities. Session 2) Private Enterprise and Urban Planning: With rapid urbanization being manifest in cities through pervasive informal settlements, characterized by the absence of such basic services as potable water and sanitation that in some instances reaches more than 40% of a given city, the private sector has filled the gap. This session will survey the variety of solutions offered, evaluating their costs and coverage; their integration with municipal functions and their likely outcome on community health. Session 3) Public-Private Multi-Sectoral Partnerships for Population Health Outcomes: Will showcase the Better Hearts Better Cities model—a multi-sectoral approach to improve cardiovascular health in low-income urban communities in Mongolia, Senegal, and Brazil. Session 4) Re-Engineering Healthy Cities: Public health supply chains in Africa can be complex ventures that present a critical need to balance and address competing interests from multiple stakeholders—bureaucracy, donor interests, and infrastructure limitations. This session will explore supply chain transformation projects targeting 5 strategic elements (1) customers & markets (2) metrics & measurement capability (3) supply chain and enterprise systems (4) process capability and (5) people development.

**SPEAKERS/DISCUSSANTS****Priya Balasubramaniam**

Public Health Foundation of India

**Eugenie L. Birch**

Nussdorf Professor of Urban Research, Chair, Graduate Group in City and Regional Planning, University of Pennsylvania

**Chandan Deuskar**

PhD student, University of Pennsylvania

**Roberta Bosurgi**

Head of Urban Health Initiative, Novartis Foundation

**Desti Lakew**

Director, Strategic Partnerships, Amref Africa, Kenya

**UP NEXT: Break / Poster Session, 10:00-10:30**

**WED****28/11 08:30-10:00 PARALLEL SESSION 2 (ABSTRACTS)****PS2.7 Infectious Diseases I: NTD and ID Prevention in Urban Areas****Room: Majestic**Chair: Dr Charles Ebikeme, Science Officer, ICSU, Paris

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**Eliminating neglected tropical diseases in urban areas: challenges, strategies and research directions**

A. Adams (1), S. Bialek (2), T. Brandt (2), E. Birch (1), J. Koroma (4), J. Shott (3), M. Vuckovic (1), M. Baker (5)

(1) Georgetown University, USA, (2) CDC, USA, (3) USAID, USA, (4) FHI360, USA, (5) RTI International, USA

**Household Characteristics as determinants of Ownership of mosquito nets in Urban Households in Nigeria**

O.A. Alawode (1), V. Chima (1), A.F. Awoloye (1)

(1) Obafemi Awolowo University, Nigeria

**Spatio-temporal pattern and risk factors for diarrheal disease in under-five aged children**

Y.C. Akinyemi (1)

(1) University of Ibadan, Nigeria

**Examining exposure to fecal contamination in urban environments: the SaniPath exposure assessment in multiple low-income cities**

C.L. Moe (1), Y. Wang (1), S. Raj (1), H. Yakubu (1), J. Green (1), C. Siesel (1), P. Teunis (1)

(1) Emory University

**UP NEXT: Break / Poster Session, 10:00-10:30**



**WED****28/11 10:30-12:00 PLENARY SESSION 2****PL2 Culture and Inclusivity****Room: Speke Ball Room**

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The “Culture and Inclusivity” plenary session focuses on the relationships between individuals and communities within the city, as well as the social expectations placed on their roles and interactions with each other and with governments. With a special focus on health equity, this sub-theme examines how culture can influence who does and does not have a say in how cities are managed. Incorporating community voices into planning processes remains a major challenge in many urban contexts despite the fact that those communities may bear the brunt of negative environmental effects of planning decisions, such as air pollution or failure to create spaces that promote physical activity and systems that assure healthy and secure food availability. In particular, this sub-theme will address the role of vulnerable populations including the elderly, youth, refugees, the disabled, and ethnic minorities in the urbanisation process. This sub-theme seeks to explore how culture and communal identity influences the management of urban space, both in terms of the construction of physical settlements and in the priority setting for and delivery of services.

**CHAIR****Dr. Jo Ivey Boufford**

President, International Society for Urban Health

**PANELLISTS****Dr. Philippa Howden-Chapman**

Professor, Department of Public Health, University of Otago, New Zealand

**Dr. Mary Bassett**

Director, Harvard FXB Center for Health and Human Rights, USA

**Dr. Jason Corburn**

Professor, University of California, Berkeley

**UP NEXT: UN-Habitat Book Launch, 12:15-13:15, Lunch Break, 12:00-13:30**



**WED****28/11****12:15-13:15 UN-Habitat Book Launch****IG-UTP Compendium of Inspiring Practices: Health Edition****Room: Acacia**

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Conference delegates are invited to pick up their lunch and join UN-Habitat for the launch of the book entitled “IG-UTP Compendium of Inspiring Practices: Health Edition.”

The International Guidelines on Urban and Territorial Planning (IG-UTP, or “the Guidelines”) were released in 2015 as a global reference framework for improving *policies, plans, designs, and implementation processes* that will lead to more **compact**, socially **inclusive**, better **integrated** and **connected** cities and territories that foster sustainable urban development and are **resilient** to climate change. In partnership with the World Health Organization (WHO), UN-Habitat is working on implementing the Guidelines to generate health benefits for citizens through the improvement of the built and natural environment. This is achieved by enhancing knowledge and building technical capacities of actors and decision-makers in using urban and territorial planning as a tool to make cities centers for health and well-being. Under this context, the Compendium of Inspiring Practices: Health Edition will act as an instrument to raise awareness and build evidence, encouraging decision-makers to adopt and locally implement the Guidelines.

Areas of focus can include **Housing, Landscape Design, Slum Upgrading, Energy, Transport and Mobility, Land Use Planning, Food Systems, Water and Sanitation, Waste Management, and Public Space.**

**UP NEXT: Parallel Session 3, 13:30-15:00**



**WED**

**28/11**

**13:30-15:00 PARALLEL SESSION 3**

**PS3.1**

**PRE-FORMED PANEL**

**Botnar Healthy Cities for Adolescents Challenge**

**Room: Speke Ball Room**

Chair: TBD

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**SPEAKERS/DISCUSSANTS**

**UP NEXT: Break / Poster Session, 15:00-15:30**

**WED****28/11 13:30-15:00 PARALLEL SESSION 3****PS3.2****PRE-FORMED PANEL****Novel survey methods to improve representation of the urban poor****Nuffield Centre for International Health and Development, University of  
Leeds****Room: Royal Palm****Chair: Caroline Kabaria, African Population Health Research Centre, Kenya**

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This session will explain how the urban poor are systematically missed in survey sample frames (censuses), designs, and during implementation. Presenters will share findings from the Surveys for Urban Equity study that has piloted novel methods to address these biases including gridded population sampling, one-stage sampling, and mapping-listing protocols designed for complex urban environments in Hanoi, Kathmandu, and Dhaka.

**SPEAKERS/DISCUSSANTS****Dr. Helen Elsey**

University of Leeds, UK

**Ak Narayan Poudel**

University of Leeds, UK

**Ms. Dana Thomson**

University of Southampton, UK

**UP NEXT: Break / Poster Session, 15:00-15:30**



**WED**

**28/11 13:30-15:00 PARALLEL SESSION 3**

**PRE-FORMED PANEL**

**Multisector partnerships for urban health: The Holy Grail? Learnings, challenges and successes from three public-private urban health initiatives**

**PS3.3**

**Novartis Foundation**

**Room: Acacia**

Chair: Mr. Geoffrey So, Head of Partnerships, Novartis Foundation, Switzerland

The 2030 Agenda and Sustainable Development Goals (SDGs) are a paradigm shift in human development highlighted by their call for the integration of social, economic, and environmental domains; universality for their relevance in both low- and middle-income countries (LMICs) as well as high-income nations; and transformation and venture away from business-as-usual, requiring partnerships that are grounded in shared values and responsibility among governments, the private sector, and civil society to leave no one behind. Partnerships are integral to the achievements of the SDGs, and are a goal unto themselves (SDG 17). Multisector public-private partnerships have been proposed as a model, but are difficult to set up due to differences in governance, ways of working, resources, expertise, etc. This session will examine the learnings, challenges, and successes of three urban health initiatives in cities from low-, middle- and high-income countries around the globe (Novartis Foundation's Better Hearts Better Cities initiative on hypertension; Novo Nordisk's Cities Changing Diabetes initiative; and the Union for International Cancer Control's City Cancer Challenge 2025). These three global initiatives have aimed to address non-communicable diseases through an integrated approach with other non-health sectors, such as information communication and technology (ICT), food and agriculture, urban planning, transport and media among others. The existing and emerging urban health challenges are complex and cannot be addressed by one academic discipline or the governmental sector alone. There is an urgent need for multidisciplinary and multisector approaches to make cities inclusive, safe, resilient and sustainable.

**SPEAKERS/DISCUSSANTS**

**Dr. Koku Awoonor**

Director of Policy, Planning, Monitoring and Evaluation, Ghana Health Service

**Ms. Roberta Bosurgi**

Head of Better Hearts Better Cities, Novartis Foundation

**Dr. Jo Boufford**

President, International Society for Urban Health

**Dr. Babacar Gueye**

Country Director, IntraHealth Senegal

**Dr. Susan Henshall**

Director of C/CAN 2025, Union for International Cancer Control

**Dr. David Napier**

Director of the Science, Medicine and Society Network, University College London

**Mr. Steffen Nielsen**

Director of Cities Changing Diabetes, Novo Nordisk

**UP NEXT: Break / Poster Session, 15:00-15:30**

**WED****28/11 13:30-15:00 PARALLEL SESSION 3****PRE-FORMED PANEL****PS3.4****Rapid urbanization in Africa and its implications for primary health care access: The case of Ethiopia****JSI Research & Training Institute****Room: Ebony**

Co-Chair: Solomon Zewdu (MD), Deputy Country Director, Ethiopia, Bill and Melinda Gates Foundation

Co-Chair: Ms. Biruk Abate, Director of Policy and Planning Department, Federal Ministry of Health, Ethiopia

Co-Chair: Dr. Yoseph Woldegebriel, USAID Ethiopia

Africa is urbanizing rapidly, and demographics are changing; there are increasing urban populations of vulnerable individuals, including: young women, children, people with disabilities, the homeless population, and migrant workers. Growing urban disparities have exacerbated inequitable access to and utilization of services and urban population momentum is straining available resources. As a result of this, the traditional “urban advantage” is eroding in many countries. In this panel session, Ethiopia’s urban health extension program (UHEP), an innovative government-led community based program will be presented and discussed as a solution to the complex health challenges of urbanization. Ethiopia’s new primary health care model has also improved access to services for vulnerable urban populations. It has a well-developed approach to measuring and tackling inequities in health, including a focus on disadvantaged population groups and social classes; narrowing the health gap and reducing inequities. Programmatic and research data from the Ethiopian context will be presented to document the successes and impact of the UHEP on increased access to primary health care, and the competencies of urban health extension workers. Lessons learned from Ethiopia’s national response to emerging urban health problems will be shared and this is expected to be a very good lesson to other countries.

**SPEAKERS/DISCUSSANTS****Hibret Alemu (PHD)****Temesgen Ayehu (MPH)****Yibeltal Tebekaw (PHD)****Mebratu Bejiga (MD)****Abiy Alazar (MA)****UP NEXT: Break / Poster Session, 15:00-15:30**

**WED****28/11****13:30-15:00 PARALLEL SESSION 3****PRE-FORMED PANEL****PS3.5****Distinguishing Slum from Non-Slum Urban Areas in Low- and Middle-  
Income Countries in national censuses and surveys****Warwick Centre for Applied Health Research & Delivery (W-CAHRD)****Room: Jacaranda****Chair: Sam Watson**

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Despite as many as one billion people living in slums and these areas having one of the highest burdens of disease, little information is collected on them. They are disproportionately under-represented in research and they are not identified in national censuses and surveys. Recognition of slum areas can improve research, enable policy makers to target these areas, and improve the rate at which countries meet their urban health goals. However, a number of barriers exist including a lack of consensus on what a slum is and a lack of engagement with policy makers. The aim of this session is to discuss how slum recognition and identification can be progressed in order to improve monitoring, security, and governance. Richard Lilford will discuss how slums might be defined and how these definitions can be operationalised in practise, Helen Elsey will discuss how researchers can engage with policy makers to improve slum recognition, and Robert Ndugwa will discuss the role and activities of the UN and national governments in advancing slum identification, global monitoring, and informing housing policies.

**SPEAKERS/DISCUSSANTS****Richard Lilford****Helen Elsey****Robert Ndugwa****UP NEXT: Break / Poster Session, 15:00-15:30**





**WED**

**28/11**

**13:30-15:00 PARALLEL SESSION 3**

**PRE-FORMED PANEL**

**PS3.6**

**Health systems for all: responding to the increasing burden of disability and its consequences**

**Johns Hopkins University Bloomberg School of Public Health**

**Room: Mahogany**

**Chair: Abdulgafoor M. Bachani**

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About a billion people live with some form of disability globally. Ninety percent are in low- and-middle income- countries (LMICs), which lack supportive infrastructure to address their needs, leading to negative health and social consequences that affect the individuals, their families, and society. This session will seek to stimulate a discussion on how to prioritize inclusion of individuals with disabilities to make them truly inclusive in their communities.

**SPEAKERS/DISCUSSANTS**

**Mitch Loeb**

Washington Group on Disability Statistics

**Shanthi Ameratunga**

Professor, University of Auckland, New Zealand

**Stephen Wegener**

Professor, Johns Hopkins University

**Alarcos Cieza**

Coordinator for Disability, World Health Organization

**UP NEXT: Break / Poster Session, 15:00-15:30**

**WED****28/11 13:30-15:00 PARALLEL SESSION 3****PRE-FORMED PANEL****PS3.7****Where do we begin? Methods for selecting health priority areas, implementing interventions, and ongoing public health evaluation****Michigan State University, College of Human Medicine****Room: Meera****Chair: Mieka Smart, DrPH, MHS; Michigan State University, USA**

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This session will present three complimentary approaches to understanding and prioritizing health needs in urban environments, with each speaker offering an example of application in an urban setting in the USA. First, Dr. Furr-Holden will describe the distinct geospatial patterns of opioid overdose which lend themselves to targeted intervention efforts. Next, Dr. Milam will discuss how zoning has long been used to improve public health, and that states, through “police powers,” have the ability to close businesses that pose a threat to public health. Finally, Dr. Sadler will introduce the Flint Geographic Healthfulness Index, a novel method of prioritizing health areas via ascribing a healthfulness “score” to any location in the city. Dr. Smart will guide discussion around how outcomes from these three approaches might be used in other international settings, 1) as indicators of health in neighborhoods within cities, 2) to gauge utility of proposed interventions, and 3) to monitor and evaluate interventions.

**SPEAKERS/DISCUSSANTS****Richard Sadler**

PhD; Michigan State University, USA

**C. Debra Furr-Holden**

PhD Michigan State University, USA

**Adam Milam**

MD, PhD; Michigan State University, USA

**UP NEXT: Break / Poster Session, 15:00-15:30**

**WED****28/11****13:30-15:00 PARALLEL SESSION 2 (ABSTRACTS)****PS3.8****Substance Use: Marketing, Social Norms, and NCDs****Room: Majestic**

Chair: Dr. Blessing Mberu, Senior Research Scientist and Head of Urbanization and Wellbeing, African Population and Health Research Center, Kenya

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**Alcoholism and Non- Communicable Diseases among Males in Metro Cities in India**

M. Dutta (1), L. Prashad (1)

(1) International Institute for Population Sciences, India

**Alcohol Use and Alcohol Marketing: A Closer Look at the Experiences of Girls and Young Women in the Slums of Kampala, Uganda**

M.H. Swahn (1), R. Culbreth (1), R. Kasirye (2)

(1) Georgia State University, USA, (2) Uganda Youth Development Link, Uganda

**Addressing the Structural Drivers of Alcohol Misuse: Developing an Alcohol Counter Marketing Campaign for Vulnerable Youth in Kampala**

M.H. Swahn (1), R. Kasirye (1)

(1) Georgia State University, USA

**UP NEXT: Break / Poster Session, 15:00-15:30**

**WED****28/11****15:30-17:00 PLENARY SESSION 3****PL3****Disasters, Epidemics, and the Unexpected****Room: Speke Ball Room**

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Crises—such as highly infectious diseases, natural disasters, or terrorist attacks—can have catastrophic impacts on large populations living in densely packed cities if adequate response systems are not in place. The probability and severity of such events will continue to be exacerbated by climate change. In the context of poorly regulated urban space, informal settlements may be especially vulnerable to epidemics and disasters. How governments and other actors prepare for such unexpected events comprises a crucial aspect of effective urban governance. While some disasters and epidemics are unexpected, this is not the case for all. Traffic and road accidents, for instance, present disasters at a personal level that are highly predictable at the city-wide or national level and can be prevented through urban planning decisions. In the context of sub-Saharan Africa, HIV/AIDS presents an on-going epidemic and the dynamics of threats like Ebola, cholera, yellow fever as well as preventable noncommunicable diseases must be understood in the context of the urbanisation process. This sub-topic will therefore examine how urban policymakers, practitioners, researchers, and communities create and manage systems to respond to both expected and unexpected disasters and epidemics within urban space.

**CHAIR****Dr. Olga Sarmiento**

Associate Professor of Public Health, Faculty of Medicine, Universidad de los Andes, Colombia

**PANELLISTS****Mr. Desmond Appiah**

Chief Resiliency Officer, City of Accra, Ghana

**Mr. Hans Guttman**

Executive Director, Asian Disaster Preparedness Center (ADPC), Thailand

**Professor Sotiris Vardoulakis**

Research Director, Institute of Occupational Medicine (IOM), UK

**Dr. Lidia Morawska**

Professor, Queensland University of Technology, Australia

**UP NEXT: Parallel Session 4, 17:15-18:45**



## WED

### 28/11 17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)

#### PS4.1 Health Services Research I: Achieving Inclusive Urban Health Systems

**Room: Royal Palm**

Chair: Dr. Shamim Hayder Talukder, CEO, Eminence Associates for Development, Bangladesh

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#### **Changing Norms Around Expanding Equitable Access: Adopting a Demand-Led Facility-based Family Planning Outreach Model**

O. Oluwagbohun (1), S. Olabode-Ojo (1), A. Akiode (1), O. Odeku (1)  
(1) Nigerian Urban Reproductive Health Initiative, Nigeria

#### **Does entitlement card ensure utilization of urban primary healthcare clinic in Bangladesh?**

M.M. Rahman (1), S. Mizan (1), R. Safii (1), S.K. Ahmad (1)  
(1) Universiti Malaysia Sarawak, Malaysia

#### **Out of pocket expenditure of caesarean birth in public and private health centres in urban India: A rising concern**

P.K. Khan (1), B.K. Panda (1)  
(1) International Institute for Population Sciences, India

#### **Factory and community empowerment: A randomized controlled trial of a factory-based health intervention in Bangladesh**

A. Antolin (1), L. Babbitt (1), D. Brown (1), D. Djaya (1)  
(1) Tufts University, USA

#### **Refugee health in East Africa: Towards inclusive urban health systems and infrastructure**

D. Archer (1), A. Sverdlik (1)  
(1) International Institute for Environment and Development, UK

**UP NEXT: -**



## WED

### 28/11 17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)

#### PS4.2 Metrics & Evaluation I: Assessing Change in Challenging Environments

##### Room: Acacia

Chair: Dr. Jean Christophe Fotso, Founder and Executive Manager,  
 Evidence for Sustainable Human Development Systems in Africa (EVIHDAF),  
 Cameroon

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#### **Measuring wealth and poverty in urban areas: are current measures fit for purpose? Findings from household surveys in three Asian cities**

T. Ensor (1), H. Elsey (1), J. Ferdoush (2), R. Bhattarai (4), R. Dhungel (4), D. Minh (3), C. Cartwright (1), R. Huque (5), D. Thomson (6), S. Mashreky (2)  
 (1) University of Leeds, UK, (2) Centre for Injury Prevention and Research, Bangladesh, (3) Hanoi University of Public Health, Vietnam, (4) HERDi, Nepal, (5) The ARK Foundation, Bangladesh, (6) University of Southampton, UK

#### **Monitoring the Sustainable Development Goals (SDGs) as a local governance strategy: The Millennium Observatory of Belo Horizonte - MG (Brazil)**

R.N. Ferreira (1), R.C. Castro (1), A.C.S. Andrade (2), M.A.S. Dias (2), L.M.O. Morais (2), A.A.L. Friche (2), W.T. Caiaffa (2)  
 (1) City Hall, Belo Horizonte, Brazil, (2) Federal University of Minas Gerais, Brazil

#### **The future of health impact assessments in low-and-middle income countries**

M.T. Thondoo (1), M.J.N. Nieuwenhuijsen (1), J. Gupta (2), D.R.R. Rojas-Rueda (1), D.D.V. De Vries (2)  
 (1) ISGlobal Institute for Global Health Barcelona, Spain, (2) University of Amsterdam, Austria

#### **An innovative approach to meaningfully engage at-risk youth in research**

M. Peled (1), A. Smith (1), S. Martin (1)  
 (1) McCreary Centre Society, Canada

**UP NEXT: -**

**WED****28/11****17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)****PS4.3****Urban Design I: Policy and Land Use Planning for Well-Designed Cities****Room: Ebony**Chair: Dr. Sainath Banerjee, Deputy Project Director, IPE-Global, India

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**Emerging Infectious Disease, the Built Landscape, and Urban Planning: Evidence on Avian Influenza in Viet Nam**

J.H. Spencer (1,2), J.M. Fox (1), M.L. Finucane (2,3), S. Saksena (2), N. Sultana (4)

(1) Clemson University, USA, (2) The East West Center, USA, (3) The RAND Corporation, USA, (4) The University of Hawaii, USA

**Exploring the impact of land-use planning and zoning policy on the food environment around schools and childhood obesity in London**

L. Musoro (1)

(1) London Metropolitan University, UK

**Inclusive Solutions for Healthy, Sustainable Low-Income Housing In Delhi Through Participation In Design**

J. Paulose (1), H.A. Medina (2), S. Gupta (1), E. Nix (2), C. Shrubsole (2), R. Khosla (1), K. Belesova (3), M. Davies (2), P. Wilkinson (3)

(1) Centre for Urban and Regional Excellence, India, (2) University College London, UK, (3) London School of Hygiene &amp; Tropical Medicine, UK

**Designing for healthy cities: intergenerational interaction in neighbourhood place-making and social sustainability**

C. Lambert (1), B. Marques (1), J. McIntosh (1)

(1) School of Architecture, Victoria University of Wellington, New Zealand

**UP NEXT: -**



**WED****28/11****17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)****PS4.4****Climate Change & Disaster Preparedness I: Adapting Our Cities to a Changing Climate****Room: Jacaranda**Chair: Dr. Jason Corburn, Professor, University of California, Berkeley

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**Urbanization and Climate change in the city of Kolkata: Population dynamics and burden of disease**

A. Rudra (1)

(1) International Institute for Population Sciences, Mumbai, India

**Climate Action in Urban Planning: Health and Disasters Management in Five Brazilian Cities**

D. Sotto (1), A. Philippi Jr. (1)

(1) University of São Paulo, Brazil

**Empowering women residents to manage health impacts of climate change in South Asia's informal settlements**

M.L.P. Elliott (1), V. Iyer (2), D. Chauhan (3), V. Herlekar (3)

(1) Georgia Institute of Technology, USA, (2) Indian Institute of Public Health, Gandhinagar, India, (3)

Mahila Housing (Sewa) Trust, India

**UP NEXT: -**



**WED**

**28/11**

**17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)**

**PS4.5**

**Child & Adolescent Health I: Urban Environments and Keeping Children Healthy**

**Room: Mahogany**

Chair: Ms. Joyati Das, Global Child Rights and Urban Technical Lead, Botnar Healthy Cities for Adolescents Challenge

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**Critical times handwashing practices and under-five diarrhoea prevalence in a peri-urban town in Arua district, Uganda**

I.K. Tumwebaze (1), A.J. Ojuka (1)  
Temple University, n/a, USA (1)

**Diarrhoea Management Practices and Child Health Outcomes in Nigeria: Sub-National Analysis**

A.I. Akinyemi (1), A.F. Fagbamigbe (2), E. Omoluabi (1), O.M. Agunbiade (1), O.S. Adebayo (1)  
(1) Obafemi Awolowo University, Nigeria, (2) University of Ibadan, Nigeria

**Providing day-care for urban poor families and enabling a cultural shift: Findings of a mixed methods study in Dhaka**

R.A. Shawon (2), F. Fieroze (3), J. Hicks (1), M. Das (1), S. Ferdous (2), S. Badrul (3), H. Wallace (4), R. Huque (3), S. Mashreky (2), H. Elsey (1)  
(1) University of Leeds, UK, (2) Centre for Injury Prevention and Research, Bangladesh, (3) The ARK Foundation, Bangladesh, (4) The University of Notre Dame Australia, Australia

**Realization of Modern Health Promotion Practices in Secondary Schools in Nairobi City**

J.O. Obosi (1), O. Opere (2)  
(1) University of Nairobi, Kenya, (2) Kenyatta University, Kenya

**UP NEXT: -**



**WED**

**28/11**

**17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)**

**PS4.6**

**Transportation & Mobility: Key to Inclusive, Safe, Resilient, and Sustainable Cities**

**Room: Meera**

Chair: Dr. David Vlahov, Associate Dean for Research and Professor, Yale School of Nursing, USA

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**The health impacts of sustainable transportation: An equity analysis**

G-J. Knaap (1), D. Engelberg (1), A. Sapkota (1), C.J. Jiang (1)  
(1) University of Maryland, USA

**Unfolding the real burden of road traffic injuries among urban dwellers: epidemiological findings from a national survey in Bangladesh**

S.M. Chowdhury (1), K. Baset (1), K.B. Uddin (1), F. Rahman (1), M.R. Arif (2)  
(1) Centre for Injury Prevention and Research, Bangladesh, (2) Ministry of Health & Family Welfare, Bangladesh

**Pedestrian Behavior and Safety at Zebra Crossing in a Ghanaian Metropolis**

T.K. Ojo (1)  
(1) University of Cape Coast, Ghana

**Active school travel and related factors among Chinese migrant children**

Q.X. Xu (1), J.P. Liu (1), J.L. Zhang (1), Y.F. Wang (1)  
(1) Nanjing Forestry University, China

**The relationship between public transport and healthy public spaces: a contribution to democracy**

J.A. Lara-Hernandez (1), A. Melis (1), E. Hinojosa-Rebolledo (2)  
(1) University of Portsmouth, UK, (2) Instituto Nacional de las Mujeres, Mexico

**UP NEXT: -**

**WED****28/11****17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)****PS4.7****Infectious Diseases II: HIV Prevention and Treatment****Room: Majestic**Chair: Chair: Dr Charles Ebikeme, Science Officer, ICSU, Paris

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**Psychosocial Correlates of Self-Reported HIV among Youth in the Slums of Kampala**

M.H. Swahn (1), R. Culbreth (1), R. Kasirye (2), J. Bitarabeho (3)

(1) Georgia State University, USA, (2) Uganda Youth Development Link, Uganda, (3) Children's AIDS Fund, Uganda

**Rural-Urban Differential in High-Risk Sexual Behaviour among Young Men in India: Evidence from Indian Demographic Health Survey (2015-16)**

S. Sharma

(1) International Institute for Population Sciences, India

**Drug resistance among women attending hospitals in Ghana**

P. Enyan (1), J.N.D. Sasraku (2)

(1) University of Ghana, Ghana, (2) Pantang Government Hospital, Ghana

**To Explore Contextual Factors Affecting Successful Implementation and Uptake of Post Exposure Treatment in Urban Settings**

M.K.U. Baset (1), S. Shamima (1), T. Roy (2), H. Hossain (2), F.K. Chowdhury (1), S. Hossain (1), S.R. Mashreky (1), A.K.M.F. Rahman (1)

(1) Centre for Injury Prevention and Research, Bangladesh, (2) Interactive Research and Development, Bangladesh

**UP NEXT: -**



**Thursday, November 29 | At-A-Glance**

07:30-17:00	Registration Desk
08:30-10:00	Parallel Session 5
10:00-10:30	<i>Break / Poster Session</i>
10:30-12:00	Plenary Session 4 <b>Cities as Economic Engines</b>
12:00-13:30	<i>Lunch Break</i>
12:15-13:15	ISUH Business Meeting (open to all)
13:30-15:00	Parallel Session 6
15:00-15:30	<i>Break / Poster Session</i>
15:30-17:00	Plenary Session 5 <b>Safety, Security, and Justice</b>
17:15-18:45	Parallel Session 7
19:00-	Conference Dinner and Social

**THURSDAY**

LOCATION: Speke Munyonyo Resort and Conference Centre, Kampala, Uganda



## THURS

### 29/11 08:30-10:00 PARALLEL SESSION 5

#### PRE-FORMED PANEL

**Maximizing the collaboration between nontraditional players and policy makers to deliver health services in the community: bringing hypertension screening and management services closer to community members in Ghana**

#### PS5.1

**Novartis Foundation**

**Room: Royal Palm**

Chair: Chair: Jo Boufford, President of the International Society for Urban Health

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The burden of noncommunicable diseases continues to rise globally in countries across the economic strata. Specifically in low-resource settings, however, patients often seek care for NCDs in secondary or tertiary level health facilities when symptoms have severely progressed, delaying potential and immediate treatment and management of the disease. To address this gap in delayed health seeking behavior of chronic diseases, the Community-Based Hypertension Improvement Program (ComHIP) in Ghana was launched in the Eastern Region in 2015. A collaboration between the Ghana Health Service, FHI business owners, and the Novartis Foundation, the ComHIP initiative maximizes the presence of local businesses to deliver free blood pressure screening services to the community. Through partnerships with the Ghana Health Service and licensed chemical sellers, screening stations are placed in local shops, pharmacies, and other businesses to bring detection and management of hypertension closer to the local community, identifying more patients earlier outside of the formal health system. Once identified, business owners and shopkeepers work with Ghana Health Service health providers (community health workers, community officers, midwives, nurses, and doctors) to track patients along the care continuum to ensure proper follow-up and case management. This collaboration between public sector health providers and nontraditional business players successfully brings healthcare closer to the community. An independent evaluation has shown the ComHIP initiative significantly reduced blood pressure among patients who enrolled in the program for 1 year, and patients were found to reach targeted blood pressure control.

#### SPEAKERS/DISCUSSANTS

**Professor Peter Lamptey**

LSHTM

**Dr. Koku Awoonor**

Director PPME, Ghana Health Service

**Ann Aerts**

Head of Novartis Foundation

**UP NEXT: Break / Poster Session, 10:00-10:30**



## THURS

**29/11 08:30-10:00 PARALLEL SESSION 5**

**PS5.2**

**PRE-FORMED PANEL**

**Health Considerations in Urban and Territorial Development**

**UN-Habitat**

**Room: Acacia**

Chair: TBD

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This panel session brings together Urban Planning and Health expertise to discuss on:

- Making the case for an integrated and inclusive approach to urban development with the goal of generating positive health outcomes for citizens and the environment.
- The benefits of including health considerations into urban policy formulation and urban planning strategies, including “quick-wins” from these interventions (on the social, environmental, and economic dimensions of cities and human settlements).
- Existing tools and mechanisms and potential opportunities—at different levels of urban governance, from the supranational, regional to the neighbourhood level—for urban development practice to improve urban health.

### **SPEAKERS/DISCUSSANTS**

TBD

TBD

TBD

**UP NEXT: Break / Poster Session, 10:00-10:30**





## THURS

29/11

**08:30-10:00 PARALLEL SESSION 5**

**PRE-FORMED PANEL**

**PS5.3**

**Evaluating environmental impacts on health and wellbeing in urban contexts: Case studies from Nairobi, Kenya**

**African Population and Health Research Center, Inc.**

**Room: Ebony**

**Chair: Dr. Blessing Mberu, African Population and Health Research Centre**

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Slum growth seems to be an inevitability for sub-Saharan Africa's rapidly growing cities, and poor health outcomes among slum dwellers will increasingly influence overall urban and national health indicators. Addressing the challenges confronting urban informal settlements is fundamental to achieving sustainable inclusive, safe, resilient cities (SDG 11) and can promote or, if neglected, undermine universal progress on SDGs on health and wellbeing (3); reduced inequalities (10); and clean water and sanitation (6), among others. The dearth of evidence as to what works for slum communities demands a sharper focus on systems that can—and should—generate health and improve wellbeing. This session aims to discuss the evaluation of key environmental challenges facing urban populations in African cities and the impact on their health and wellbeing. Presenters will share research findings on evaluation of air pollution, solid waste management, and safe sanitation from case studies conducted in Nairobi, Kenya.

### **SPEAKERS/DISCUSSANTS**

**Dr. Dickson Amugsi**

African Population and Health Research Centre

**Dr. Kanyiva Muindi**

African Population and Health Research Centre

**Dr. Caroline Kabarria**

African Population and Health Research Centre

**UP NEXT: Break / Poster Session, 10:00-10:30**

**THURS****29/11 08:30-10:00 PARALLEL SESSION 5****PRE-FORMED PANEL****PS5.4****Knowledge to practice (K2P): innovating evidence-based practice for safe sanitation planning in Uganda's urban settlements****Temple University****Room: Jacaranda****Chair: Innocent K. Tumwebaze (PhD), Temple University, Philadelphia, USA**

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The Global Water Pathogen Project (GWPP) provides comprehensive updated reference material on waterborne pathogens and risks from excreta and sewerage. With support from IT and data-sharing expert AgroKnow, the book is now being disseminated as an open-access online resource with a collaboration network of 201 contributors from six different continents ([www.waterpathogens.org/network](http://www.waterpathogens.org/network)). This pre-formed panel session will focus on water pathogen risks in urban schemes from informal settlements to municipal wastewater treatment and re-use. The goal of the Knowledge to Practice (K2P) project is to develop user friendly tools to help improve data accessibility, and knowledge translation around pathogens in excreta and sewerage. The developed apps and visualization tools will improve evidence-based decision making and better inform the safe sanitation and water safety planning by stakeholders at different levels. The K2P project is a collaborative project between Michigan State University, its partner institutions and the National Water and Sewerage Corporation in Uganda. The project has been funded by the Bill and Melinda Gates Foundation and Uganda is the first implementing country.

**SPEAKERS/DISCUSSANTS****Heather Murphy**

Associate Professor, Temple University, USA

**Nynke Hofstra**

Assistant Professor, Wageningen University, The Netherlands

**Matthew E. Verbyla**

Assistant Professor, San Diego State University, USA

**Joan B. Rose**

Professor, Michigan State University, USA)

**UP NEXT: Break / Poster Session, 10:00-10:30**

**THURS****29/11****08:30-10:00 PARALLEL SESSION 5****PRE-FORMED PANEL****PS5.5****Assessing opportunities and challenges for improving nutrition and development among poor children in urban East Africa****University Research Co., LLC, Center for Human Services****Room: Mahogany****Chair: Yoswa Dambisya, ECSA-HC**

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Children of the urban poor are vulnerable to health inequities related to basic developmental needs such as adequate nutrition, hygiene, and sanitation. A consultative process beginning with a regional meeting hosted by the East, Central, Southern Africa Health Community (ECSA-HC), underscored that improving nutritional outcomes among children living in slums and informal settlements in East Africa requires a deeper understanding of context and identification of knowledge gaps. Specifically, comprehensive analysis of the socio-cultural and economic environment along with the complex systems and array of informal and formal actors, policies, services, interventions, and existing data is needed. This session will share a participatory implementation science approach and preliminary results from an assessment that captures the governance of complex systems and culture that affect the nutrition and development of a key vulnerable population: poor children living in urban East Africa. Findings from an assessment conducted in Uganda, Kenya and Tanzania will be shared to inform future implementation science, programming and policy advocacy efforts.

**SPEAKERS/DISCUSSANTS****Jason Corburn**, University of California Berkeley**Ester Elisaria**, Ifakara Health Institute**Jane Wanyama**, Infectious Diseases Institute**Elizabeth Kimani-Murage**, African Population and Health Research Center, Inc.**Daniel Okello**, Kampala Capital City Authority**Cecilia de Bustos**, UNICEF Uganda**UP NEXT: Break / Poster Session, 10:00-10:30**

**THURS****29/11 08:30-10:00 PARALLEL SESSION 5****PS5.6****PRE-FORMED PANEL****Urban Health Models****International Science Council—Urban Health and Wellbeing Programme****Room: Meera**

Chair: Prof. Saroj Jayasinghe, Member of the Science Committee of the ISC programme on Urban Health and Wellbeing, Professor of Medicine, University of Colombo, Sri Lanka

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Urban health challenges are often linked to complex causalities beyond direct control, including climate change, immigration, and demographic, epidemiological, and ecological changes. Thus, there is a need for intelligent “science-policy” decision-making processes and simple and cost-effective tools to guide urban decision makers towards interventions that produce co-benefits and improve health and wellbeing. Such decision-making processes are political since they involve and engage stakeholders’ values and viewpoints; and they are scientific, in that they are evidence-based and apply systems approaches that are transparent and coherent. The panel will discuss the complex nature of urban health challenges in different regions of the world, and the opportunities to address them through different models and approaches.

**SPEAKERS/DISCUSSANTS****Background**

Prof. Philippa Howden-Chapman, Chairperson, ISC-Urban Health and Wellbeing programme

**Salvadoran Urban Health Model**

Dr. Claudia Marroquín, ISC Regional Office of Latin America and Caribbean

**African Science Plan on Urban Health and Human Wellbeing**

Prof Charles Wambebe, Department of Pharmaceutical Sciences, Tshwane University of Technology, Pretoria, South Africa, ISC Regional Office for Africa

**Impact on health and wellbeing as a consequence of rapid urbanization in the Asia-Pacific Region:****The role of epigenetics**

Prof. Javed Iqbal, Chair, Urban Health and Wellbeing Science Plan, ISC Regional Office for Asia and the Pacific

**The Science-Policy Interface**

Dr Charles Ebikeme, Science Officer, ISC, Paris

**UP NEXT: Break / Poster Session, 10:00-10:30**

**THURS****29/11 10:30-12:00 PLENARY SESSION 4****PL4 Cities as Economic Engines****Room: Speke Ball Room**

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The movement of capital, both human and financial, is changing the face of urban health. This sub-theme will examine how the movement of money and people into and out of urban areas contributes to the health of urban and peri-urban dwellers. For example, the flow of capital might refer to the relationship between public and private health providers, or it might refer to broader patterns of economic development that determine food quality and access in urban spaces. Economic development contributes to the form of the built environment, with long-term implications for the health of populations. How economic development is managed therefore has consequences for the environmental health of urban spaces. This sub-theme will also include attention to the role of local and multinational business entities with vested interests in urban health, and how mutually productive partnerships can go beyond CSR and charity.

**CHAIR****Dr. Yonette Thomas**

Executive Director, the International Society for Urban Health

**PANELLISTS****Mr. Aromar Revi**

Director, Indian Institute for Human Settlements, India

**Ms. Liza Kimbo**

Director, LiveWell Ltd, Kenya

**Mr. Stuart Mwesigwa**

Director, Institute of Occupational Medicine (IOM), UK

**Mr. Steffen Nielsen**

Director, Cities Changing Diabetes, Novo Nordisk, Denmark

**UP NEXT: Lunch Break, 12:00-13:30**



## THURS

**29/11**

**12:15-13:15 BUSINESS MEETING**

**ISUH Business Meeting (Open to All)**

**International Society for Urban Health**

**Room: Acacia**

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ISUH Members and interested individuals are invited to pick up your lunch and join us for the Annual Business Meeting of the ISUH which will feature a report from the Secretariat on activities since ICUH2017, plans for the next year, introduction of the newly elected ISUH Board members, and open discussion from the floor.

**UP NEXT: Parallel Session 6, 13:30-15:00**

**THURS****29/11 13:30-15:00 PARALLEL SESSION 6****PRE-FORMED PANEL****PS6.1****Healthy housing for a sustainable and equitable future – Launch of the  
WHO Housing and health guidelines****World Health Organization****Room: Speke Ball Room**

Chair: Nathalie Röbbel, Department of Public Health, Environmental and  
Social Determinants of Health, World Health Organization

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Improved housing conditions can save lives, prevent disease, increase quality of life, reduce poverty, help mitigate climate change and contribute to the achievement of the Sustainable Development Goals. Housing is becoming increasingly important to health due to urban growth, demographic and climate changes.

To respond to the increasing need of global guidance on what constitutes healthy housing standards, the World Health Organization has prepared the WHO Housing and health guidelines. The guidelines bring together the most recent evidence to provide practical recommendations to reduce the health burden due to unsafe and substandard housing conditions. They provide recommendations relevant to inadequate living space (crowding), low and high indoor temperatures, injury hazards in the home, and accessibility of housing for people with functional impairments. In addition, the guidelines summarize existing WHO guidelines related to housing. The guidelines recognize housing as a major entry point for primary prevention and aim at informing housing policies and regulations at the national, regional and local level on the impact of housing on health.

The WHO Housing and health guidelines will be launched during this session. Members of the Guideline Development Group will provide insights into the development process, the content of the guidelines and planned next steps to facilitate their implementation at country-level through intersectoral collaboration.

**SPEAKERS/DISCUSSANTS****Dr. Philippa Howden-Chapman**

Professor, Department of Public Health, University of Otago, New Zealand

**Dr. Lidia Morawska**

Professor, Queensland University of Technology, Australia

**UP NEXT: Break / Poster Session, 15:00-15:30**



**THURS****29/11****13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)****PS6.2****Water, Sanitation & Waste Management I: Barriers and Facilitators in Urban Settlements****Room: Royal Palm**Chair: Dr. Gina Lovasi, Co-Director, Urban Health Collaborative, and Dornsife Associate Professor of Urban Health, Drexel University, USA

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**Scenario of WASH conditions and association with selected communicable diseases in Urban household, India**

S.K. Patel (1), S. Patel (1)

(1) International Institute for Population Sciences, India

**A Socio-ecological Perspective of the Facilitators and Barriers to Uptake of Water, Sanitation and Hygiene Interventions in a Slum Setting in Kampala, Uganda: A Qualitative Study**

C. Ssemugabo (1), C. Namata (1), A.A. Halage (1), A. Biran (2), V. Curtis (2), D. Musoke (1), J. Ssempebwa (1)

(1) Makerere University, Uganda, (2) London School of hygiene and Tropical medicine, UK

**Role of governance in health and sanitation sustainability in Delhi**

R. Das (1)

(1) Jawaharlal Nehru University, India

**UP NEXT: Break / Poster Session, 15:00-15:30**



## THURS

**29/11 13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)**

**PS6.3 Sustainable Development: Strategy and Practice**

**Room: Acacia**

Chair: Dr. Yonette Thomas, Executive Director, International Society for Urban Health, USA

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**Ecological and economic aspects of sustainable development of enterprises in the construction industry**

M.O. Krutilova (1), I.P. Avilova (1), A.E. Naumov (1), T. Joshua (1)  
Belgorod State Technological University named after V.G. Shukhov, Russia

**Environmental health typology as a contributor to sustainable urban planning: the case of the São Paulo Macrometropolis (MMP)**

N. Maria (1), A. Medeiros (1), A. Slovic (1)  
(1) University of São Paulo, Brazil

**Greening Peruvian schools: Economic and social impact valuation in the transformation of elementary schools' infrastructure in San Martin de Porres district, Lima, Peru, under the U.S. Green Building Council's (USGBC's) Leadership in Energy and Environmental Design (LEED) rating system**

S. Huaman-Pastorelli (1)  
(1) Universidad de San Martin de Porres, Peru

**Photography and the promotion of urban health for sustainability in an African city**

K. Buyana (1)  
(1) Makerere University, Uganda

**UP NEXT: Break / Poster Session, 15:00-15:30**



## THURS

29/11

**13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)**

**PS6.4**

**Spatial Analysis in Urban Health: Techniques and Application**

**Room: Ebony**

Chair: Dr. Jean Christophe Fotso, Founder and Executive Manager,  
Evidence for Sustainable Human Development Systems in Africa (EVIHDAF),  
Cameroon

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**Are socio-economically disadvantaged communities ill and costly? An intra-urban analysis using a spatially disaggregate methodology in the Province of Overijssel, The Netherlands**

G. Neziri (1), S. Amer (1), P. Carrera (1)

(1) University of Twente, The Netherlands

**Spatial census database for monitoring health risks in Dakar, Sénégal**

A.N. Gadiaga (1), C. Linard (1)

(1) University of Namur, Belgium

**Spatial distribution of health risk for population via consumption of cabbage (*Brassica oleracea var. Capitata L.*) and tomato (*Lycopersicon esculentum Mill*), in Copperbelt province, Zambia**

J-M. Kourouma (1), S. Syampungani (1), C. Concilia (1)

(1) Copperbelt University, Zambia

**The safety and security of urban households in South Africa: a geospatial exploration of the crimescape in the neighbourhoods of Durban, South Africa**

S.B. Agbola (1), K.J. Samuel (1), O.A. Olojede (1)

(1) Mangosuthu University of Technology, South Africa

**Built and social environment by systematic social observation and leisure-time physical activity report among Brazilian adults: A Population-Based Study**

A.C.S. Andrade (1), S.A. Mingoti (1), D.A.S. Costa (1), C.C. Xavier (1), F.A. Proietti (1), W.T. Caiaffa (1)

(1) Federal University of Minas Gerais, Brazil

**UP NEXT: Break / Poster Session, 15:00-15:30**



## THURS

**29/11 13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)**

**PS6.5 Environmental Health: Noise and Air Pollution in Urban Areas**

**Room: Jacaranda**

Chair: Dr. Olga Lucia Sarmiento, Associate Professor of Public Health,  
 Universidad de los Andes, Colombia

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**Impact of industrialization on health: measuring cost of illness**

S. Singh (1), A. Singh (1)  
 (1) Lovely Professional University, India

**Non-auditory symptoms associated with self-perception of noise in an urban center**

F.A.M. Dias (1,2), W.T. Caiaffa (2), D.A.S. Costa (2), C.C. Xavier (2), F.A. Proietti (2), A.A.L. Friche (2)  
 (1) Pontifical Catholic University of Minas Gerais, Brazil, (2) Belo Horizonte Observatory for Urban Health/School of Medicine/Federal University of Minas Gerais, Brazil

**Assessing resident's perception of air pollution and health while commuting in São Paulo: results from the ASTRID survey**

A.D. Slovic (1), A. Nardocci (1)  
 (1) University of Sao Paulo, Brazil

**On the impact of open burning on the air quality of a Latin American city**

P. Krecl (1), C.H. Lima (1), T.C. Dal Bosco (1), A.C. Targino (1)  
 (1) Federal University of Technology, Brazil

**Long-term trends of air pollution in Thailand and effects on health**

W. Mueller (1), S. Steinle (1), M. Loh (1), S. Vardoulakis (1), N. Precha (2), W. Kliengchuay (2), N. Sahanavin (3), R. Sillaparassamee (4), K. Nakhapakorn (2), K. Tantrakarnapa (2)  
 (1) Institute of Occupational Medicine, UK, (2) Mahidol University, Thailand, (3) Srinakharintarawiroj University, Thailand, (4) Nakorn Ratchasima College, Thailand

**A participatory approach towards addressing household air pollution in Nairobi's slums**

K. Muindi (1), M. Chege (1), B. Mberu (1)  
 (1) African Population and Health Research Center, Kenya

**UP NEXT: Break / Poster Session, 15:00-15:30**



## THURS

29/11

**13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)**

**PS6.6**

**Governance I: Exploring Participatory and Community-Based Methods**

**Room: Mahogany**

Chair: Dr. Sally Stansfield, Managing Director, Social Impact Practice,  
Deloitte Consulting LLP, USA

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**Small cities, big needs: participatory methods in urban and transport planning**

M.T. Thondoo (1), M.J.N. Nieuwenhuijsen (1), J. Gupta (2), D.R.R. Rojas-Rueda (1), D.D.V. De Vries (2)

(1) Barcelona Institute for Global Health, Spain, (2) University of Amsterdam, Austria

**Expectations and satisfaction of community-based urban health extension professionals in Ethiopia: Governance and leadership challenges**

Y.T. Bayou (1), H.A. Tilahun (1), D. Hailemariam (2), D. Siraw (2)

(1) John Snow, Inc., Ethiopia, (2) Addis Ababa University, Ethiopia

**The Effectiveness of Decentralisation as a Response Mechanism for the Governance of Environmental Risk in Bamenda, North West Cameroon**

N. Roland (1)

(1) University of Yaounde I, Cameroon

**Project "Clean Game - Clean Neighborhood": contributions of the 4° District of Porto Alegre governance group to reduce flooding problems and build healthier urbanization**

F. Moscarelli (1,2), R. Nehme (1), R. Erhart (1), P. Moura (1)

(1) Methodist University Center, Brazil, (2) Southern Colleges, Brazil

**UP NEXT: Break / Poster Session, 15:00-15:30**

**THURS****29/11****13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)****PS6.7****Health Services Research II: Achieving Resilient Urban Health Systems****Room: Meera**Chair: Dr. Shamim Hayder Talukder, CEO, Eminence Associates for  
Development, Bangladesh**Assessing the readiness of urban high-volume facilities in offering quality family planning services in selected geographies in Nigeria**O.D. Ishola (1), N. Afolabi (1), L. Ajijola (1), A. Akiode (1), V.I. Igharo (1)  
(1) Johns Hopkins Centre for Communication Programs, Nigeria**A monitoring, evaluation and learning framework to support improved access to quality cancer care in cities**R. Morton Doherty (1), J. Chakowa (1)  
(1) UICC, Switzerland**Achieving health systems' resilience: the interactions between social health insurance, government health spending and macro-finance**C.M. Mostert (1)  
(1) University of Witwatersrand, South Africa**Primary Health Care Reform: Responding to Emerging Urban Health Challenges by addressing equity through a New Primary Health Care (PHC) Model**H.A. Tilahun (1), Y.T. Bayou (2), B. Ashenafi (2), D. Hailemariam (3)  
(1) John Snow, Inc. and Harvard T. H. Chan School of Public Health, Ethiopia, (2) John Snow, Inc, Ethiopia, (3) Addis Ababa University, Ethiopia**UP NEXT: Break / Poster Session, 15:00-15:30**

**THURS****29/11 15:30-17:00 PLENARY SESSION 5****PL5 Safety, Security, and Justice****Room: Speke Ball Room**

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Safety, security, and justice focuses on the systems needed to support urban dwellers in managing their safety and security to minimise negative health effects from violence and the social disruption of both criminal activity and the way in which systems of justice are designed and managed. The density and design of urban settings can affect real and perceived lack of safety and contribute to the stress levels of urban dwellers, with subsequent effects on mental and community health. When violence does occur, do individuals experience any barriers to accessing justice? What are the most effective relationships between crime-plagued communities and governments? How can community cohesion be strengthened to influence real and perceived safety and access to justice? What are the special issues for cities with large informal settlements where individuals may experience more vulnerability?

**CHAIR****Dr. Yonette Thomas**

Executive Director, the International Society for Urban Health

**PANELLISTS****Dr. Jutta Bakonyi**

Executive Director, Durham Global Security Institute, UK

**Dr. Robert P. Ndugwa**

Head, Global Urban Observatory Unit, City Prosperity Initiative, Kenya

**Ms. Tracy Robinson**

Lawyer and Lecturer, University of the West Indies

**Ms. Diane Misenga Kabeya**

Deputy Head of Delegation, International Committee of the Red Cross (ICRC) Delegation to the African Union, Ethiopia

**UP NEXT: Parallel Session 7, 17:15-18:45**





## THURS

### 29/11 17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)

#### PS7.1

**Water, Sanitation & Waste Management II: Contamination and Basic Service Access**

**Room: Royal Palm**

Chair: Dr. Gina Lovasi, Co-Director, Urban Health Collaborative, and Dornsife Associate Professor of Urban Health, Drexel University, USA

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#### **Comparative study of basic services in slums and non-slums in West Bengal, India**

M. Rahaman (1)

(1) Jawaharlal Nehru University, India

#### **Environmental Implication of Indiscriminate Industrial Waste Disposal on the Health Status of the Industrial Layout's Residents, Akure, Ondo State**

M.A. Ogungbe (1), O.F. Jejelola (1)

(1) The Federal University of Technology, Nigeria

#### **Relationship between water contamination and oral microbial diversity in a Brazilian favela**

A.T. Forde (1), B. Bohn (2), R.S. Rabello (3), G.S. Lovasi (1), R.T. Demmer (4)

(1) Drexel University, USA, (2) Columbia University Mailman School of Public Health, USA, (3) Escola Nacional de Saúde Pública (ENSP)/Fundação Oswaldo Cruz (FIOCRUZ), Brazil, (4) University of Minnesota, USA

#### **Facility mapping for safe drinking water in evolving urban communities using virtual reality**

O.T. Laseinde (1), K. Maditsi (1)

(1) University of Johannesburg, South Africa

**UP NEXT: Conference Dinner and Social, 19:00-**



## THURS

29/11

**17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)**

**PS7.2**

**Metrics & Evaluation II: Indices, Data, and Evaluation Tools for Change**

**Room: Acacia**

Chair: Dr. Jean Christophe Fotso, Founder and Executive Manager,  
Evidence for Sustainable Human Development Systems in Africa (EVIHDAF),  
Cameroon

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**Establishing 'whole-city' health data frameworks is vital for sustainable health promotion and improvement in cities**

L. Musoro

(1) London Metropolitan University, UK

**Measuring for change - Results from a novel evaluation tool for estimating climate and health benefits**

R. Huxley (1), T.H. Rahbek (2), S. Nielsen (2)

(1) C40, UK, (2) Novo Nordisk A/S, Denmark

**Towards the healthiest global city: learning from London's progress at three years**

N. Ellis (1), A. Mills (1), Y. Doyle (1)

(1) Public Health England, UK

**UP NEXT: Conference Dinner and Social, 19:00-**

**THURS****29/11****17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)****PS7.3****Urban Design II: Constructing the Built Environment for Health and Wellbeing****Room: Ebony**Chair: Dr. Sainath Banerjee, Deputy Project Director, IPE-Global, India

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**The health impact of urban informal settlements upgrading interventions: A South Africa case study**

A. Weimann (1), T. Oni (1)

(1) University of Cape Town, South Africa

**Missing aspects of therapeutic landscape in the psychological centres, Kigali, Rwanda**

R. Tafahomi (1), R. Nadi (1)

(1) University of Rwanda, Rwanda

**Enhancing the safety of partially sighted individuals by defining the appropriate level/s and ratio of value contrast in their built environment**

S. Fallatah (1,2), K. Gaines (2), N. Adams (2), E. Schambureck (2)

(1) Prince Sultan University, Saudi Arabia, (2) Texas Tech University, USA

**The Relationship Between Proximity to Greenspace and Mental Wellbeing in London**

V. Houlden (1), J. Porto de Albuquerque (1), S. Weich (2), S. Jarvis (1)

(1) University of Warwick, UK, (2) University of Sheffield, UK

**UP NEXT: Conference Dinner and Social, 19:00-**



## THURS

**29/11 17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)**

**PS7.4 Chronic Disease in Urban Areas: Prevalence & Prevention Challenges**

**Room: Jacaranda**

Chair: Dr. Sotiris Vardoulakis, Research Director, Institute of Occupational Medicine (IOM), UK

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**Urbanisation and asthma in low and middle-income countries: a systematic review of the urban-rural differences in asthma prevalence**

A. Rodriguez (1,2), E. Brickley (1), L.C. Rodrigues (1), R. Normansell (1), M.L. Barreto (5), P.J. Cooper (2,4)

(1) London School of Hygiene and Tropical Medicine, UK, (2) Laboratorio de Investigación FEPIS, Ecuador, (3) Universidad Internacional del Ecuador, Ecuador, (4) St. George's University of London, UK, (5) Centro de Pesquisas Gonçalo Muniz, FIOCRUZ, Brazil

**A cross sectional study on the occupational airborne exposure and the prevalence of self-reported asthma, and respiratory symptoms amongst workers in selected factories in Nairobi, Kenya**

J. Musumba (1,2), Z. Nganga (1,3), Y. Kombe (1,2)

(1) Jomo Kenyatta University of Agriculture and Technology, Kenya, (2) Kenya Medical Research Centre, Kenya, (3) South Eastern Kenya University, Kenya

**Increasing Burden of High Blood Pressure, Heart Diseases and Diabetes in India: Evidence from a panel study**

S. Chatterjee (1)

(1) International Institute for Population Sciences, India

**The effect of internal migration on diabetes: a sib-comparative study**

S.J. Mumu (1,2), A.K.M.F. Rahman (2,3), L. Ali (2), P. Fahey (1), D. Merom (1)

(1) University of Western Sydney, Australia, (2) Bangladesh University of Health Sciences, Bangladesh, (3) Centre for Injury Prevention and Research, Bangladesh

**Understanding the complexity of diabetes vulnerability: social factors and cultural determinants relevant to type 2 diabetes**

D. Napier (1), L. Hesseldal (2), S. Nielsen (2), A. Volkmann (1)

(1) Department of Anthropology, University College London, UK, (2) Cities Changing Diabetes, Novo Nordisk, Denmark

**UP NEXT: Conference Dinner and Social, 19:00-**

**THURS****29/11****17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)****PS7.5****Community Health & Wellbeing: Outreach, Participatory Methods, and Scale****Room: Mahogany**Chair: Dr. Eunice Karanja Kamaara, Professor, Department of Philosophy, Religion, and Theology, Moi University, Kenya

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**Impact of community health workers on the demographic and health outcomes in Urban India (2005-06) to (2015-16): an assessment of National Urban Health Mission (NUHM)**

S.K. Saroj (1)

(1) Jawaharlal Nehru University, India

**Using innovative participatory methods to stimulate dialogue on the right to food for the urban poor, Nairobi, Kenya**

E. Kimani-Murage (1), T. Macharia (1), E. Kinuthia (1), D. Donovan (1), C. Gatura (1)

(1) African Population and Health Research Center, Kenya

**The urban community agriculture practices in Chinese cities: case studies in Nanjing and Shanghai**

Y.F. Wang (1), J.P. Liu (1), Z.Q. Zhou (1), S.Q. Lai (2), L.Y. Han (3)

(1) Nanjing Forestry University, China, (2) Tongji University, China, (3) Jiangsu Second Normal University, China

**Leveraging mega sporting events to improve health outcomes for vulnerable urban populations**

A. Smith (1), M. Peled (1), S. Martin (1)

(1) McCreary Centre Society, Canada

**Implementing and evaluating a faith-based urban better-health model**

B.H. Smith (1), K. Headley (2), P. Hoyt-Hudson (1), M. Phillips (1), H. Murphy (1)

(1) The Rogosin Institute, USA, (2) Strong Power Consulting, Inc., USA

**UP NEXT: Conference Dinner and Social, 19:00-**



## THURS

### 29/11 17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)

#### PS7.6

#### **Maternal & Reproductive Health II: Disparities and Challenges in Urban Populations**

**Room: Meera**

Chair: Dr. Waleska Teixeira Caiaffa, Professor of Epidemiology and Public Health, Minas Gerais School of Medicine, Brazil

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#### **Disparities in Maternal Health Service Utilization among Slum and Non-Slum Residents of Addis Ababa City, Ethiopia**

Y.T. Bayou (1), Y. Mashalla (1), G. Thupayagale-Tshweneagae (1)  
(1) University of South Africa, Ethiopia

#### **Mother's time use and mother-daughter communication: implications on sexual health in urban Nigeria**

M.P. Ajayi (1), E.O. Amoo (1), A.E. Jegede (1), O.H. Abimbola (1), T. Allo (1)  
(1) Covenant University, Ota, Nigeria

#### **Parenting training of adolescents on sexual reproductive health and rights issues to change attitude of parents leading to development of a supportive community**

N. Sarker (1)  
(1) Plan International, Bangladesh

#### **Impact of community-based surveillance and monitoring on the reproductive and neonatal health status among young married women in an urban slum community in India**

A. Dyalchand (1), G. Kulkarni (1)  
(1) Institute of Health Management, Pachod, India

**UP NEXT: Conference Dinner and Social, 19:00-**



## Friday, November 30 | At-A-Glance

07:30-12:00	Registration Desk
08:30-10:00	Parallel Session 8
09:00-10:00	ISUH Business Meeting (open to all)
10:00-10:30	<i>Break / Poster Session</i>
10:30-12:00	Plenary Session 6 <b>Spiritual Health in City</b>
12:00-12:30	Closing Plenary (Ceremonial)
12:30-	Field Trips

FRIDAY

LOCATION: Speke Munyonyo Resort and Conference Centre, Kampala, Uganda





**FRI**

**30/11**

**08:30-10:00 PARALLEL SESSION 8 (ABSTRACTS)**

**PS8.1**

**Inequality in Urban Areas: Health Implications and Adaptations**

**Room: Ebony**

Chair: Dr. Gérard Salem, Professor, Paris Nanterre University, France

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**Socio-environmental inequalities and health implications in Addis Ababa, Ethiopia**

R.B. Singh (1)

(1) Ethiopian Civil Service University, Ethiopia

**Persistence of Deprivation and its effect on health in India**

A.S. Shukla (1)

(1) Population Council, India

**Street trading in Ile-Ife city: who, why, what? and insights for policy**

T.O. Olaposi (1)

(1) Obafemi Awolowo University, Nigeria

**Understanding urban poverty from the perspective of urban poor communities in three cities-  
Dhaka, Hanoi and Kathmandu**

A. Poudel (1), H. Elsey (1), S. Manandhar (3), D. Minh (4), T. Ferdous (1), S. Khanal (1)

(1) University of Leeds, UK, (2) The ARK Foundation, Bangladesh, (3) HERDi, Nepal, (4) Hanoi  
University of Public Health, Vietnam

**UP NEXT: Break / Poster Session, 10:00-10:30**



**FRI**

**30/11**

**08:30-10:00 PARALLEL SESSION 8 (ABSTRACTS)**

**PS8.2**

**Healthy Aging: Social Wellbeing and Coping with Chronic Conditions**

**Room: Meera**

Chair: Dr. David Vlahov, Associate Dean for Research and Professor, Yale School of Nursing, USA

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**Multimorbidity and Quality of Life among Elderly in Urban India**

M. Dutta, L. Prashad (1)

(1) International Institute for Population Sciences, India

**Normative Risky Sexual Practices and the Prevention of Sexually Transmitted Infections among Urban Dwelling Older Yoruba People in Southwest Nigeria**

O.M. Agunbiade (1)

(1) Obafemi Awolowo University, Nigeria

**Perceived meaning of urban local parks and social well-being of elderly men: A qualitative study of Delhi and Kolkata, India.**

S. Jahangir (1)

(1) International Institute for Population Sciences, India

**Sustainable Urban Transformations and the Ageing-Migration Nexus in Africa: A Case Study Of Lagos And Johannesburg**

D. Y. (1)

(1) Partnership for African Social and Governance Research, Nairobi, Kenya

**UP NEXT: Break / Poster Session, 10:00-10:30**



**FRI**

**30/11**

**08:30-10:00 PARALLEL SESSION 8 (ABSTRACTS)**

**PS8.3**

**Climate Change & Disaster Preparedness II: Preparing for the Worst**

**Room: Sheena**

Chair: Dr. Yonette Thomas, Executive Director, International Society for Urban Health, USA

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**Changing environment and impoverishment risks: Experiences from gender groups from urban development projects in Dar es Salaam city**

D.L. Magembe-Mushi (1)

(1) Ardhi University, Tanzania

**Natural Disaster and Household Vulnerability to Violent Crime in Flood Prone Areas of Urban Centres in Nigeria**

T. Shabu, E.M. Adaaku (1)

(1) Benue State University, Nigeria

**Psychosocial Trauma in the City in East Africa**

P. Baguma

Makerere University, n/a, Uganda (1)

**Modelling to improve food security following a natural disaster**

M. Eichinger (1), S. Mokalled (1), J. Spencer (1)

(1) Clemson University, USA

**UP NEXT: Break / Poster Session, 10:00-10:30**

**FRI****30/11****08:30-10:00 PARALLEL SESSION 8 (ABSTRACTS)****PS8.4****Child & Adolescent Health II: Urban Food Systems and Nutrition****Room: Majestic**Chair: Ms. Joyati Das, Global Child Rights and Urban Technical Lead, Botnar  
Healthy Cities for Adolescents Challenge

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**Transition in Childhood Malnutrition in Urban India: Evidence from Various Cross-sectional Surveys conducted during 2005 to 2016**

G. Gudakesh (1)

(1) International Institute for Population Sciences, India

**What contributed to reduction in childhood stunting in India in last two decades?: Analysis of pooled data from three rounds of Indian Demographic Health Survey (1992-2006)**

S. Srivastava (1)

(1) International Institute for Population Sciences, India

**Moving in and out of food insecurity: the case of two urban informal settlements in Nairobi, Kenya**

M. Mutisya (1), T. Macharia (1), E. Kimani-Murage (1)

(1) African Population and Health Research Center, Kenya

**Food Choices of Adolescents and Testing the Efficacy of Smart Phone Aided Nutrition Education Program**

N. Jawed (1), A. Mehdi (1), N.F. Safdar (1)

(1) Dow University of Health Sciences, Pakistan

**UP NEXT: Break / Poster Session, 10:00-10:30**



**FRI**

**30/11**

**08:30-10:00 PARALLEL SESSION 8 (ABSTRACTS)**

**PS8.5**

**Governance II: Systems-Level Analysis and the Private Sector**

**Room: Regal**

Chair: Dr. Sally Stansfield, Managing Director, Social Impact Practice,  
Deloitte Consulting LLP, USA

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**Towards equitable sanitation: faecal waste management policy landscape analysis in East Africa**

A. Nanyonjo (1), B. Mberu (1)

(1) African Population and Health Research Center, Kenya

**Organizational network analysis for urban governance in eastern Congo**

P. Sommerville (1), R. Fromer (1), A. Bungler (1), C. Hempfling (1), C. Espey (5), C.B. Rugusha (5), J.K. Kandolo (5), A. Maboko (5), R.B. Kwigomba (5)

(1) LINC LLC, USA, (2) Mercy Corps, Congo

**Using a systems approach to explore the relationship between public space, sanitation and health in slums**

J. Stricker (1,2), J.G. Siri (3), M.E. Gnilo (2), M. Short (1), J.D. Davila (1)

(1) University College London, UK, (2) UNICEF, USA, (3) UNU-IIGH, Malaysia

**Africa science plan on health and human wellbeing**

S. Facknath (1), C. Wambebe (1)

(1) University of Mauritius, Mauritius

**Urban primary health care services delivery project, a unique example of public private partnership in Bangladesh**

N. Mohammad (1), M. Majumder (2), S. Ahmed (1)

(1) Population Services and Training Center (PSTC), (2) Bangladesh, Ministry of Local Government, Rural Development & Cooperatives, Bangladesh

**UP NEXT: Break / Poster Session, 10:00-10:30**

**FRI****30/11****10:30-12:00 PLENARY SESSION 6****PL6****Spiritual Health in the City****Room: Speke Ball Room**

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Urbanisation is not only a demographic, economic, and social process—it also implies psychological change. In some contexts, urbanisation may be associated with increased opportunities and choices; others experience disruption in traditional living arrangements, food sources, and daily activities. Negative effects of these changes can result in mental health concerns, including elevated rates of psychoses, depression, crime, alcoholism, and alienation. Spiritual health in the city focuses on how individuals experience the process of urbanisation and change and through what mechanisms they are able to feel a subjective sense of inherent value and optimism. In particular, this sub-theme emphasises the experience of individuals in challenging circumstances, their resilience in responding to change, and their drive to find a sense of meaning and purpose. This sub-theme further examines how spiritual and faith-based elements, including traditional healers, may foster or disrupt community building, the formation of a distinct urban identity, and broader participation in the design and use of urban space.

**CHAIR****Dr. Blessing Mberu**

Senior Research Scientist and Head of Urbanization and Wellbeing, African Population and Health Research Center, Kenya

**PANELLISTS****Dr. Eunice Karanja Kamaara**

Professor, Department of Philosophy, Religion, and Theology, Moi University, Kenya

**Dr. Mandivamba Rukuni**

Founder and Executive Chairman, Barefoot Education for Africa Trust (BEAT), Zimbabwe

**Ms. Judy Njeri Thirimu**

Student, MA Clinical Psychology, USIU-Africa, and Intern, Oasis Africa Center for Transformational Psychology & Trauma, Kenya

**UP NEXT: Closing Plenary Session, 12:00-12:30**



**FRI**

**30/11**

**12:00-12:30 CLOSING PLENARY SESSION**

**PLC**

**Closing Plenary (Ceremonial)**

**Room: Speke Ball Room**

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The Closing ceremony will include reflections on the main conclusions of the conference from the conference hosts and a passing of the baton from the Uganda National Academy of Sciences to the International Science Council for the next meeting. The venue for the next conference will be announced.

**UP NEXT: Field Trips, 12:30-**